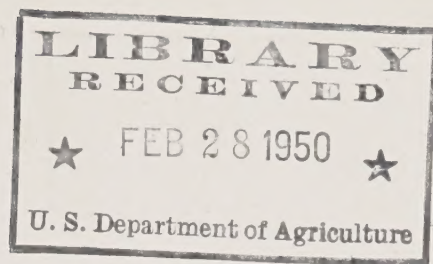


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GARDEN *and* FLORAL GUIDE

1950

Hart and Vick, Inc.
Rochester, N.Y.

FIRE CHIEF PETUNIA
All-America Gold Medal Winner
Pkg. of 200 seeds, 25c



Bonnie is one of the newer **Princess Asters**. Disease-resistant plants covered in August and September with lovely flowers. **Pkg. 25c.**



This is one of the so-called **Miniature Marigolds, Butterball**. An All-America Prize Winner. 8-inch plants literally covered with flowers. **Pkg. 15c.**



Annual Scabiosa is easily grown and is a splendid flower for house decoration. **Pkg. 10c.**



Golden Gleam is one of the sweet scented, semi-double flowering **Nasturtiums**. **Pkg. 10c; oz. 35c.**



The **New Tetra Snapdragon** deserves your attention. **Pkg. 25c.**



Glamour is one of the most beautiful **Petunias** in the entire list. You will be delighted with it. **Pkg. 25c.**



Sunshine is one of the older **Calendulas** but still remains near the top of the list. **Pkg. 15c.**



No garden is really complete without a bed or border of these **Giant Zinnias**. **Pkg. 15c.**



These **Unwin's Dahlias** bloom from seed the first year. **Pkg. 20c.**

HART & VICK 49-55 Stone Street ROCHESTER 4, N.Y.

ORDER SHEET FOR SEEDS, BULBS, PLANTS, GARDEN SUPPLIES

Mr. } _____ Date _____ 1950
 Mrs. }
 Miss }

R.F.D. or St. _____ Zone _____

Post Office _____ State _____

Express or Freight Office _____ Send by _____

Parcel Post,
Express or Freight

Money Enclosed

Check _____

Money Order _____

Cash _____

Stamps _____

Total Amt. _____

THIS SPACE IS FOR OUR RECORDS

DATE ORDER RECD.

FILLED BY

CHECKED BY

SHIPPED BY AND DATE

Grow some of the unusual vegetables, those that are so good to eat but almost impossible to buy at the market.

We do urge you to order the seeds and plants for your garden early this year.

Sweet Corn and Asparagus never taste so good as when fresh out of your own garden.

Unless money for Parcel Post charges is sent, plants will be forwarded by express, charges collect.

Bulbs and Plants that are perishable will be sent at proper planting time.

**PLANTS
CANNOT
BE SENT
C. O. D.**

QUANTITY

NAMES OF ARTICLES WANTED

PRICE
Dollars Cents

Carry this total over to the next page

If we are out of any of the varieties ordered, shall we substitute others equally good? Ans. _____
 or shall we return the money sent for them? Ans. _____



Our Grass Seeds Helped Make This Beautiful Lawn on the Spacious Grounds Surrounding the New Style Manor Plant of the Bond Stores, Inc.,
Manufacturers of Bond Clothes

HIGHLAND PARK GRASS SEED MAKES THE FINEST LAWNS

A Combination of High Quality Recleaned Seeds of Recognized Turf-Making Grasses, Including Bent Grass Seed. Highland Park is Made With and Without Clover. Tell Us Which You Prefer When You Place Your Order.

This mixture has proved its worth by producing beautiful and permanent lawns for the city home, country estate, and public park. It is a careful blending of varieties of short, fine-leaved grasses and will make a thick, deep-rooted, velvety, evergreen sod that will hold the moisture and remain fresh and green during the dry season in summer. It has proved its quality not only on the smaller lawn of the city and suburban home, but has been and is being used with splendid results in many of the city parks, cemeteries, and large estates. Professional landscape gardeners specify that they will use Highland Park Grass Seed when submitting plans to particular patrons. Whether you build your lawn yourself or have it made for you, use the best seed you can buy. Use Highland Park Lawn Grass Seed Mixture.

PRICES OF HIGHLAND PARK GRASS SEED

½ lb. 65c; 1 lb. \$1.25; 3 lbs. \$3.70; 5 lbs. \$6.15; 10 lbs. \$12.00; 25 lbs. \$29.50; 50 lbs. \$57.50.

TRANSPORTATION PAID

HINTS THAT HELP MAKE GOOD LAWNS

A little good grass seed sown spring and fall, 1 lb. to 500 sq. ft., will help keep the weeds out. Grass under trees needs double the food and water that sunny lawns do. Mow your lawn often with the mower set so that it leaves the grass one- and one-half inches long, especially during hot weather.

Peat moss spread on the lawn, one bale (16 bus.) to 600 sq. ft., keeps grass green all season. Don't "sprinkle" your lawn every night. Soak it twice a week. Get the moisture down where the roots will go down after it and make a thick turf.

If your lawn gets moss in it, rake thoroughly, spread bone meal over it, 10 lbs. to 100 sq. ft., and rake. Bone meal feeds, sweetens and aerates the soil.

Size of Space	Square Feet	Quantity of Seed
10 x 25 ft.	250	1 lb.
25 x 50 ft.	1,250	5 lbs.
50 x 125 ft.	6,250	25 lbs.
200 x 200 ft.	40,000	160 lbs.

When reseeding an old lawn use half of this quantity.

SHADY NOOK LAWN GRASS SEED

On many lawns there are unsightly bare spots under trees and between adjoining houses where it is impossible to get the ordinary lawn grass to grow. Our mixture for shade is made up of short-growing, fine-leaved, shade-loving grasses that will give you an evergreen sod in the most densely shaded spots. Sow at rate of one pound to each 200 square feet of new lawn, reseeding 350 square feet of old lawn. ½ lb. 70c; 1 lb. \$1.35; 3 lbs. \$4.00; 5 lbs. \$6.65; 10 lbs. \$13.00; 25 lbs. \$32.00; 50 lbs. \$62.50. Delivered transportation paid.

Stadium Mixture

Makes a Turf That Will Stand the Wear and Tear of an Unusual Amount of Traffic

Stadium Mixture was used in building the athletic field of the University of Rochester and the results have been very satisfactory. This mixture is made to give the thick, springy turf so necessary to the well being of the athletes. It was also used in the Red Wing Baseball Park in Rochester, where the seed was sown in April and played on by the middle of May. This mixture is a combination of grasses that are not only fine-leaved, but very deep rooting and are varieties that will stand the wear and tear usually given to athletic fields and parks. Sow one pound to 250 square feet; half this amount when reseeding. Lb. \$1.15; 3 lbs. \$3.40; 5 lbs. \$5.65; 10 lbs. \$11.00; 25 lbs. \$27.00; 50 lbs. \$52.50. Delivered transportation paid.

Country Club Bent Formula

Makes a Lawn Like a "Putting Green"

To meet the demand for a superior grass seed mixture, we have combined in this formula the seeds of grasses that not only produce the finest leaf blades, but varieties that creep, mat together and make a soft, luxuriant, evergreen turf the entire season. When preparing the soil for this Grass Seed Mixture, do so thoroughly. Spade deeply, working into the soil a good plant food and enough peat moss to make the soil friable and so it will retain moisture. Feed Bent Grass lawns twice a year with a fertilizer that will keep the soil slightly acid. Water regularly. Keep the grass cut short and rolled. Top dress twice a year. Sow 1 lb. to 250 sq. ft. A Bent lawn is very lovely, but it must have careful attention to keep it so. 1 lb. \$1.35; 3 lbs. \$4.00; 5 lbs. \$6.65; 10 lbs. \$13.00; 25 lbs. \$32.00. Delivered transportation paid.

Terrace Grass Mixture

Banks and terraces need deep-rooting, very hardy grasses to hold them in place. In this special mixture we have combined varieties that will quickly form a thick, matted sod that will keep the bank from washing in heavy rains, and remain fresh and green all season. We recommend sowing grass seed for terraces at the rate of 1 pound to each 200 square feet. If the slope is very steep, mix one quart of oats with one pound of seed and sow on each 100 square feet. 1 lb. \$1.25; 3 lbs. \$3.70; 5 lbs. \$6.15; 10 lbs. \$12.00; 25 lbs. \$29.50; 50 lbs. \$57.50. Delivered transportation paid.

**"On the Road Between the Homes of Friends,
Grass Does Not Grow"**

Special Golf Course Mixtures

TEE MIXTURE

A combination of deep-rooting, perennial grasses that will stand the wear and tear a golf course tee must take. Sow 1 lb. to 200 sq. ft. 5 lbs. \$6.15; 10 lbs. \$12.00; 25 lbs. \$29.50.

FAIRWAY MIXTURE

A mixture designed to stand hot, dry weather without turning brown. This is a mixture of grasses we have been making for twenty-five years. It has proven to be very satisfactory. Sow 1 lb. to 250 sq. ft. 5 lbs. \$4.45; 10 lbs. \$8.70; 25 lbs. \$21.25.

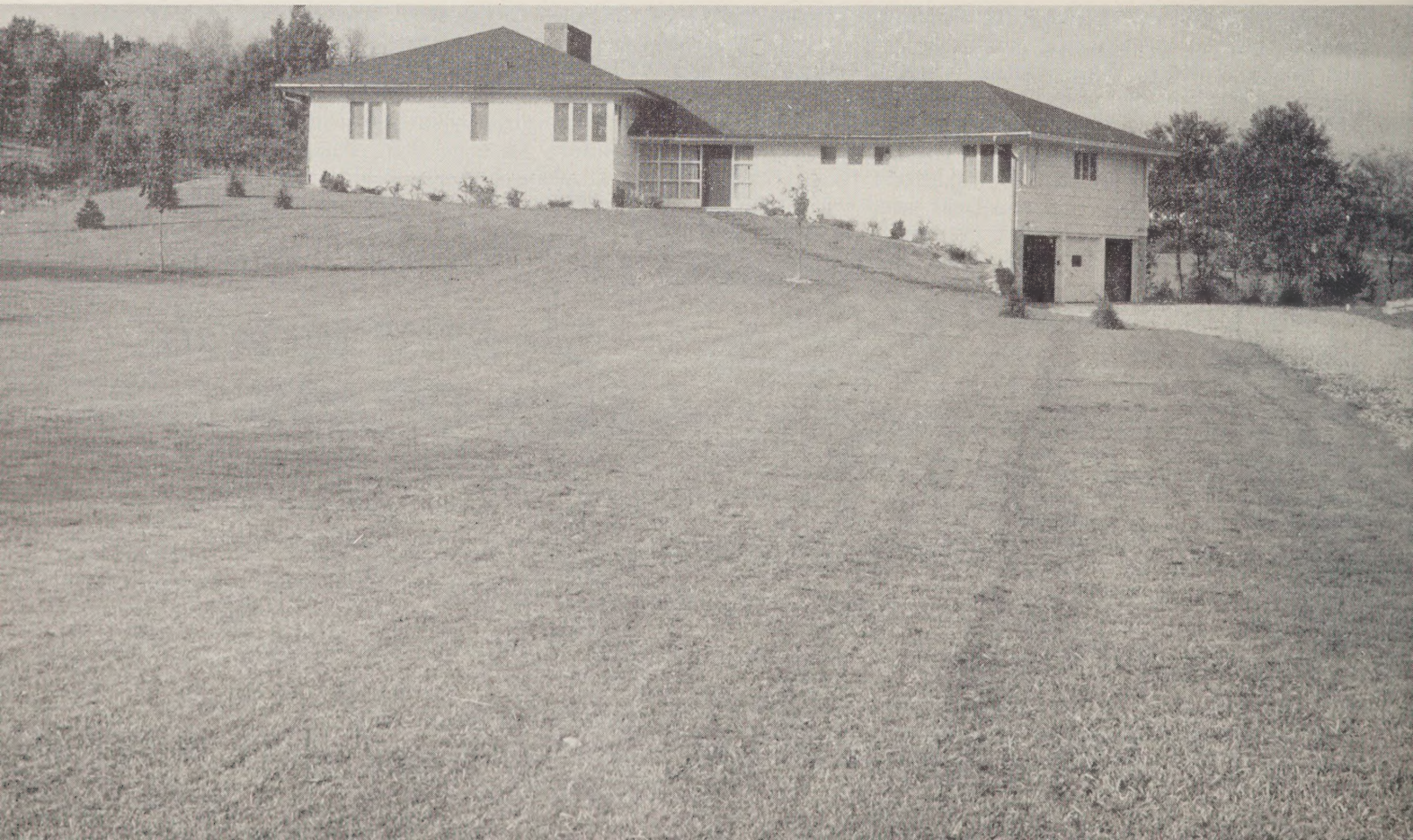
PUTTING GREEN MIXTURE

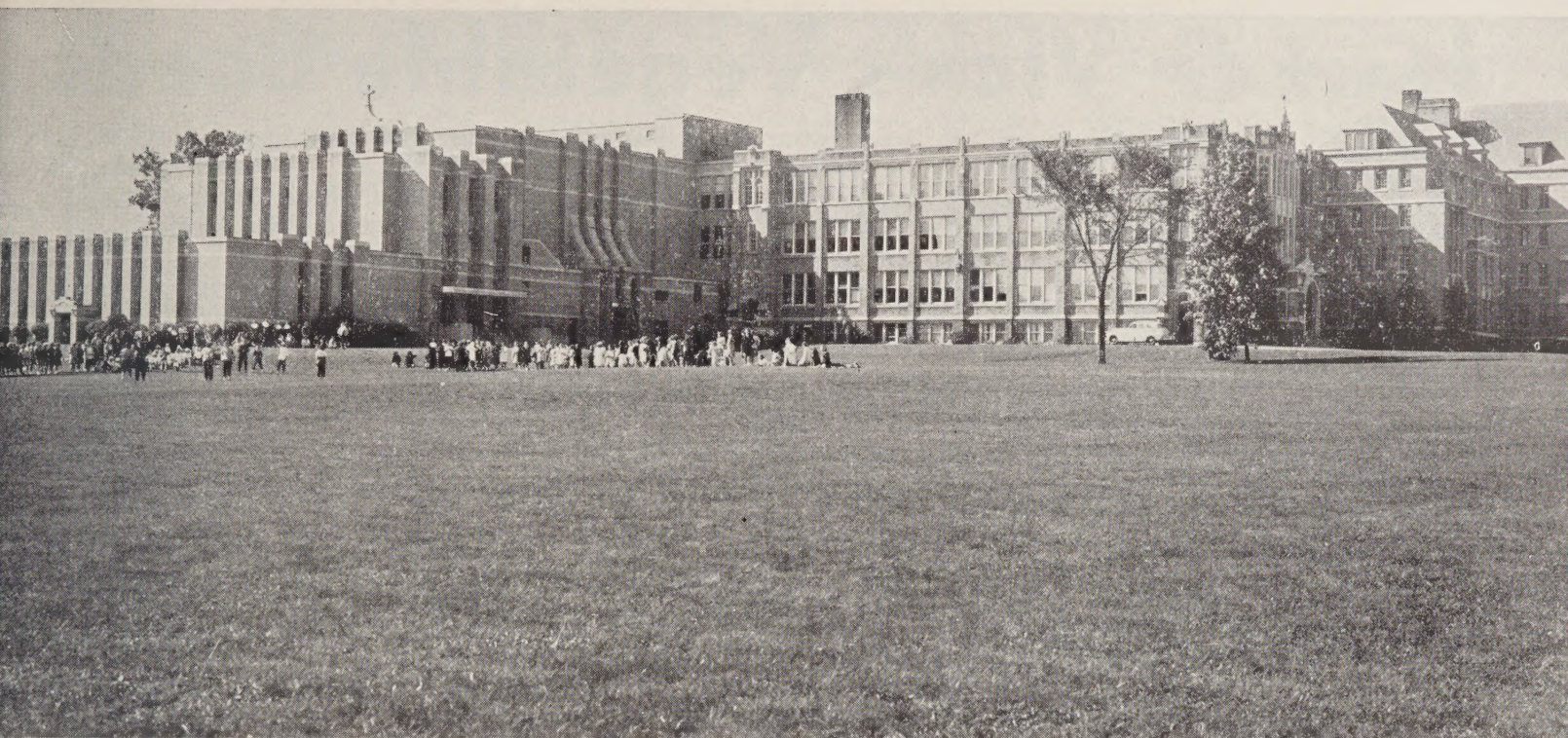
A combination of Colonial Bent and Fancy Red Top grass seed, both of the highest purity and germination. Sow 1 lb. to 200 sq. ft. 1 lb. \$1.35; 5 lbs. \$6.65; 10 lbs. \$13.00; 25 lbs. \$32.00.

THIS MAY HELP YOU GROW GRASS UNDER TREES

Where there is some grass and you don't want to dig it up, take a long, sharp-bladed spade and make a series of connecting cuts in circles, three feet apart, and starting as close to the trunk of the tree as possible. These circles of connecting deep cuts kill the surface roots and allow the grass to thrive. Spread bone meal or Dehydrated Sheep Manure every 30 days—10 lbs. to 100 sq. ft. Rake thoroughly. Sow Shady Nook Grass Seed 1 lb. to 400 sq. ft. Cover with 1/4 inch wet peat moss.

This Lawn Around the Home of Mr. and Mrs. Myron Greene, Allyn's Creek Road, Brighton, N. Y., Was Built with Our Highland Park Grass Seed by Bruno Witt, Landscape Contractor





The Extensive Lawns Surrounding Our Lady of Mercy High School in Brighton, N. Y., Were Made with Highland Park Grass Seed

RECLEANED SEED OF FANCY GRASSES

All Grass Seed Prices Subject to Change Without Notice

BENT, COLONIAL (*Agrostis tenuis*).

Fine, narrow-bladed, rich dark green variety that is slightly creeping in habit and makes a fine turf for lawns and putting greens. Does especially well in the vicinity of Rochester. 1/2 lb. 80c; lb. \$1.50; 5 to 10 lbs. at \$1.45 per lb. Transportation paid.

BENT, SEASIDE, Blue Tag (*Agrostis maritima*).

A native of Oregon and offered under several trade names. Very fine-leaved, producing runners or stolons that take root when coming in contact with the soil. Makes a thick, matlike, rich green sod that stands close cutting. As it makes surface runners it should be top-dressed four times a year. To look well keep it closely mowed. 1/2 lb. 80c; lb. \$1.50; 5 to 10 lbs. at \$1.45 per lb., prepaid.

BLUE GRASS, KENTUCKY (*Poa pratensis*).

Very high quality, heavy, plump seed. The favorite lawn grass in the North, doing particularly well on the rather sweet soils of New York State. Leaves are narrow, flat and vivid dark green. Plants slightly creeping and very hardy. As it is slow to germinate, we recommend combining it with other grasses. One pound will sow 200 sq. ft. 1/2 lb. 65c; lb. \$1.25; 5 to 10 lbs. at \$1.20 per lb.; 10 lbs. or more at \$1.15 per lb. Transportation paid.

FESCUE, CHEWING'S (*Festuca rubra fallax*).

Produces a fine, firm matted turf with wirelike leaves. Plant spreads by the development of new shoots. Adapted for use under trees and sandy loam soils. Drought resistant. Makes a fair turf when combined with other grasses. Lb. \$1.00; 5 to 10 lbs. 95c per lb.; 10 lbs. or more, 85c per lb., prepaid.

FESCUE, CREEPING RED, Illahee Strain (*Festuca rubra*).

A new strain that spreads from roots that creep underground, putting up new growth. The texture of the foliage is fine and the color a delightful green. A perennial grass that easily thickens up into a dense carpet of green turf. Does well on poor soil and is resistant to drought and disease. A good grass for areas subject to heavy wear. Should always be sown in combination with other grasses. Lb. \$1.15; 5 to 10 lbs. at \$1.00; 10 lbs. or more at 95c per lb., prepaid.

FESCUE, CREEPING RED, Old's Strain (*Festuca rubra*).

Makes a turf similar to Chewing's Fescue but spreads by underground runners that make an extremely tight sod. The leaves are fine, needle-like and have a deep green color. This Fescue thrives on all types of soil, even on dry, sandy bottom land. It maintains its color the year round and is excellent for shady places and turf that gets a lot of wear. Creeping Red Fescue may be used alone or in combination with one or more other grasses. Lb. \$1.15; 5 to 10 lbs. at \$1.00 per lb.; 10 lbs. at 95c per lb., prepaid.

FESCUE, ALTA

Its toughness, ability to outgrow and smother weeds, to remain green a long time without irrigation recommends it for playgrounds, air fields and recreation parks. Lb. \$1.00; 5 to 10 lbs. 95c per lb.; 10 lbs. or more at 85c per lb., prepaid.

ORCHARD GRASS (*Dactylis glomerata*).

Hardy perennial grass which thrives in light, sandy soils and withstands severe droughts remarkably well. Valuable for sowing on steep slopes that wash badly. Lb. 60c; 5 to 10 lbs. at 50c per lb.; 10 lbs. or more at 60c per lb. Transportation paid.

RED TOP, FANCY (*Agrostis palustris*).

Quick growing, fine-leaved, bright green creeping grass popular for lawns and golf courses. Does well in any situation and any soil. 1/2 lb. 65c; lb. \$1.25; 5 to 10 lbs. at \$1.15 per lb.; 10 lbs. or more at \$1.10 per lb. Transportation paid.

ROUGH STALKED MEADOW GRASS (*Poa trivialis*).

Sometimes called Rough Blue Grass. Narrow, flat and dark green foliage on spreading, thickly matting plants. Makes a good turf in shaded places on the north side of buildings and under trees. Does best in heavy soil. 1/2 lb. 65c; lb. \$1.25; 5 to 10 lbs. at \$1.15 per lb.

RYE GRASS, DOMESTIC.

An excellent nurse grass when quick turf is needed. Valuable for hay and pasture. One pound sows 200 sq. ft. Lb. 35c; 5 to 10 lbs. at 30c per lb. 10 lbs. or more at 25c per lb. Transportation paid.

RYE GRASS, PERENNIAL (*Lolium perenne*).

A mixture of the English and Italian varieties grown in this country. Lb. 35c; 5 to 10 lbs. at 30c per lb.; 10 lbs. or more at 27c per lb. Transportation paid.

CLOVER, DUTCH WHITE

The well known, low-growing, white-blossoming Clover so widely used on lawns. Not entirely hardy in exposed situations in severe climates. Winter-kills some in lawns here in New York State. Oz. 15c; 1/4 lb. 45c; 1/2 lb. 80c; lb. \$1.45; 5 lbs. or more at \$1.30 per lb. Transportation paid.

CLOVER, WILD WHITE

Becoming very popular as a lawn Clover, especially here in the North, for it is perfectly hardy. The foliage is small, low growing and rich, fresh green in color. Blossoms very sparingly, which adds to the value. Does best in well-fed soil. Oz. 15c; 1/4 lb. 45c; 1/2 lb. 85c; lb. \$1.65; 5 to 10 lbs. at \$1.60 per lb. Transportation paid.

TIMOTHY (*Phleum pratense*).

Used extensively for hay. Not by any means a lawn grass seed. Weighs 45 lbs. per bu. Lb. 55c; 5 to 10 lbs. at 50c per lb.; 10 lbs. or more at 45c per lb. Allow 6c per lb. if we are to pay transportation.

For Your Vegetable Garden

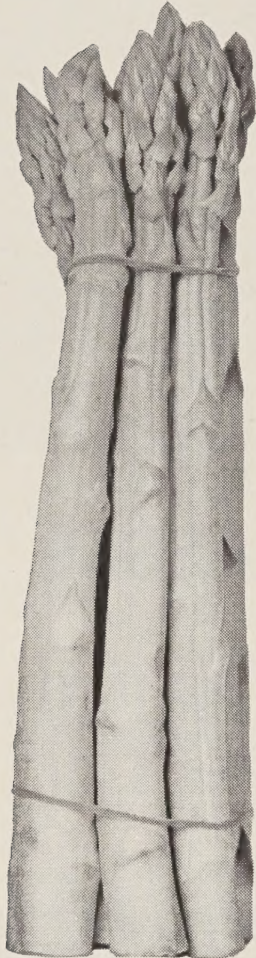
Sow Domestic Rye Grass, one pound to each 200 sq. ft., just as soon as you harvest the last crop from each row. Where you turn this crop of broad-bladed grass under in the spring it makes a wonderful green manure.

Hart & Vick's Vegetable Seeds

**THIS IS
IMPORTANT
PLEASE READ**

Are Tested for Germination by a Famous Agricultural Experiment Station and the Results of This Test Appear on Every Package of Vegetable Seeds We Send Out. You Get the Same High Quality Seed in These Garden-Size Packages as We Furnish to the Commercial Vegetable Grower and Florist, Whose Living Depends on the Quality of Seed He Sows.

★ A Star Before the Name of the Variety Means It is Best for Quick Freezing.



Mary Washington
Asparagus

FRESH DUG ROOTS OF SENECA WASHINGTON ASPARAGUS

A new strain developed from the Mary Washington by careful selection of size of plant and ability to produce longer and more uniform large green stalks with compact purple tips. Very vigorous growing strain, resistant as its parents to disease.

For best results we recommend these one-year-old roots carefully grown and graded to size and quality. A light cutting may be made the second year. For many succeeding seasons a full crop of stalks may be cut all spring.

Freshly Dug Top Quality Roots. 12 for 95c; 25 for \$1.65; 50 for \$2.75; 100 for \$4.65, postpaid to you. 250 for \$7.50; 1000 for \$28.00, not prepaid.

Full planting instructions are sent with every order.

ARTICHOKE

Green Globe. Large, globular, deep green heads with very fleshy scales. Bear the second year from seed and last for several years. Pkg. 20c; 1/4 oz. 35c

A NEW ASPARAGUS No. 500

A new kind developed by the University of California and now planted almost exclusively by the growers of that great Asparagus-producing State. Has larger stalks than older kinds; is more productive; tips are more closed; produces high quality stalks for a longer season; better for freezing, canning and shipping.

Pkg. 25c; oz. 65c; 1/4 lb. \$2.25

Mary Washington. The popular kind in home gardens. Stalks are thick, attractive deep green color with purple tips. Splendid quality. Pkg. 15c; oz. 30c; 1/4 lb. 95c

THE BEST IN TABLE BEETS

One package of seed planted 2 inches apart, will make a row about 25 feet long; one ounce will make a row 100 feet long. If you like greens, especially "Beet Greens," sow the seed thickly in a broad row 4 to 6 inches wide, and when the tops are 3 to 5 inches tall, thin out and use the tops and roots as greens. This method of sowing takes one ounce of seed for 20 feet of row.

The best results are obtained on a deep, rich, sandy loam. Sow seed 1 inch deep, in drills 16 inches apart, as early as possible. If wanted very early, sow in hotbeds and transplant to open ground. Thin to stand 3 or 4 inches apart. Cultivate cleanly and thoroughly. For succession, sow at intervals until middle of July.

DETROIT DARK RED

For canning either whole, sliced or cubed when the bulbs are over 2 inches in diameter this strain of Detroit is by far the best.

The most popular table and canning Beet grown. As a second-early variety, we recommend it for the home and market garden. Our special strain is more uniform in shape and color than the old Detroit Dark Red. The tops and tap roots are small and the leaves dark green, shaded red. Beets are round, smooth, and very dark red in skin and flesh. In tenderness and sweetness they are unsurpassed.

Pkg. 15c; oz. 30c; 1/4 lb. 75c

EARLY WONDER

We offer a Special Tall-Topped Strain of this splendid early and extremely attractive, round, bright red Beet. While the small, young Beets are round in form, at maturity they become slightly flattened. They are very smooth and the skin deep red. The inside bright red with practically no light circle. It is very uniform in shape and size, and is popular

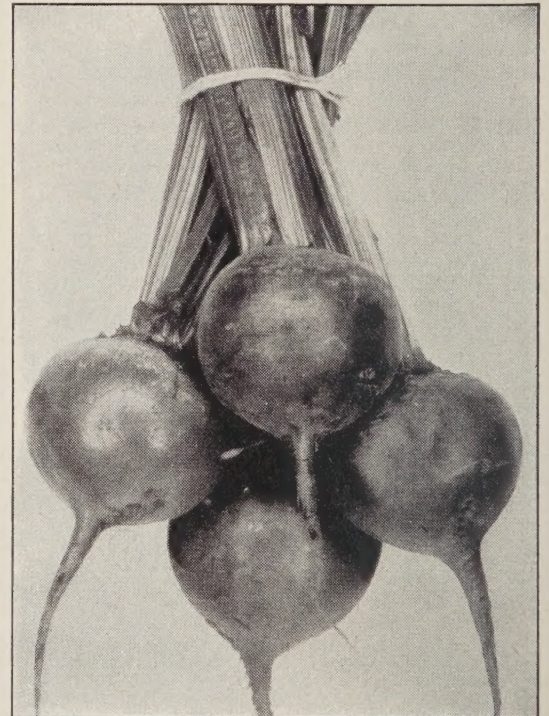
with the market gardener and in the home garden for canning whole. A much more attractive Beet than the ordinary Early Wonder. Pkg. 15c; oz. 30c; 1/4 lb. 75c

CROSBY'S EGYPTIAN

This is the best kind to grow when you want to use Beets when very small, say up to 2 inches in diameter.

Our special strain of this popular variety is better in many respects than the old one. It is globular, perfectly smooth, with short top, small tap root, and both skin and flesh dark in color. Much earlier than all other dark-fleshed varieties. That it is the very best early Beet for home or market gardens is amply proved by the many favorable comments that come to us.

Pkg. 15c; oz. 30c; 1/4 lb. 75c



We are particularly proud of this strain of
Detroit Dark Red Beet

GREEN TOP WONDER

A great favorite with the many gardeners who like "Beet greens." Grows very rapidly, clean, bright green, tall foliage that does not turn bronze in cool weather. Splendid, nearly globe-shaped bulbs, red-skinned and with deep red flesh slightly zoned with a lighter shade. Very good quality.

Pkg. 10c; oz. 20c; 1/4 lb. 65c

PERFECTED DETROIT

This is a splendid Beet to grow in the fall, either for immediate use or for canning. The bulb is nearly round and very smooth. The flesh fine grained, never woody, solid red, perhaps not quite as uniformly so as our Short Top Strain of Detroit. Has seldom any light rings and is high in quality. The tops are abundant and tall growing. This Beet is particularly popular with the commercial canner who harvests his crop with machinery.

Pkg. 15c; oz. 30c; 1/4 lb. 75c

Vick's Illustrated Magazine for January, 1886

Tomatoes for Thanksgiving

"As late as possible before frost I dig up some of the strongest vines full of green Tomatoes and hang them up by the roots in a frost-proof cellar. The fruit will gradually ripen, and you can have a few every Sunday."

R. CALVERT.
La Crosse, Wis.

Vick's Illustrated Magazine for January, 1886

"The Savoy Cabbage I consider one of the most important of winter vegetables, as it answers 2 purposes, first, as a Cabbage, to be boiled, which is much sweeter than ordinary Cabbage, secondly, as a beautiful, sweet salad Cabbage when cut and dressed same as Endive."

MR. G. HUNTER.

BEANS FOR YOUR GARDEN TENDER AND STRINGLESS

A very popular and worthy home garden vegetable which gives quick results after planting—Beans on the table in six weeks. Sow in spring and early summer, in warm soil, in rows 2 feet apart, seed 2 to 3 inches apart in the row; or in hills 12 inches apart, 3 to 4 Beans to a hill. For a continuous supply of Beans, make additional sowings every 2 weeks. In this part of the country you can plant Beans until the first of July.

One package of Wax- or Green-Podded Beans will plant 25 feet of row; 1 pound 200 feet.

WAX PODDED BUSH BEANS

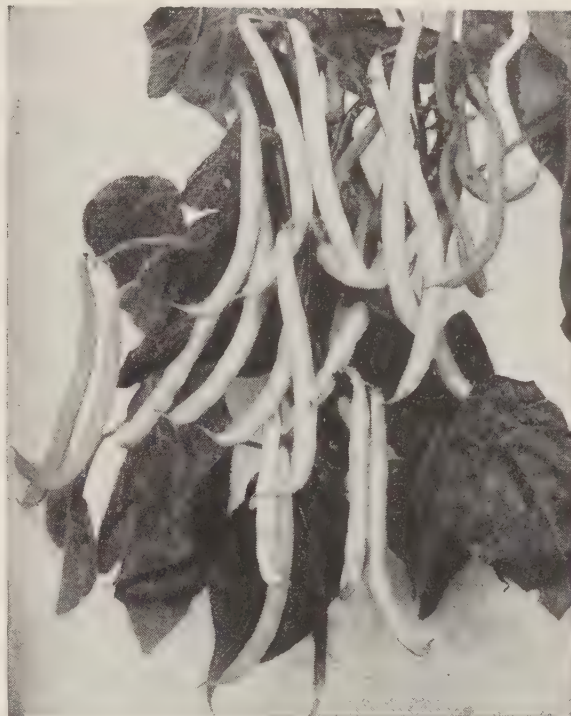
★ **Brittle Wax. Round Pod Kidney Wax.** Splendid for the home garden as well as for canning. Round, smooth, slightly curved, light yellow pods 6 inches long, fleshy, brittle and of the highest quality. There is no trace of string or fiber at any stage of growth. The kidney-shaped seed is white, marked with black near the eye. Matures in 58 days. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.65

★ **Cherokee.** Long, straight, handsome clear waxy yellow pods, oval shaped, very meaty and of top quality and flavor. The low growing, vigorous plants are remarkably heavy bearing under just about all conditions of soil and weather. It's a splendid new kind you can depend on. The seed is black. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.65

★ **PUREGOLD All-America Bronze Medal Winner, 1948.** The low growing, thrifty, heavy bearing plant is resistant to Bean mosaic and produces quantities of 6-inch long, slim, round, golden yellow Beans that are absolutely stringless and of splendid flavor and quality. Mature in 55 days which is slightly earlier than Brittle Wax. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.65

★ **Pencil-Pod Black Wax. Best Round-Pod Wax Bean.** The pods are about 7 inches long, round and very fleshy. This splendid Bean is absolutely stringless at all stages of growth, always brittle, fine grained and tender. In quality it is unexcelled. The plant is strong growing and bears abundantly. Seeds are black. Matures in 55 days. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.65

★ **Sure-Crop Stringless Wax. Best Flat-Pod Wax Bean.** It is a thick-stemmed, medium-sized grower that holds its pods up from the ground and protects them from dampness and dirt. Bears large, handsome, flat, golden yellow pods of excellent quality, in great abundance. Grown extensively for market. Matures in 54 days. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.65



Brittle Wax Bean is very popular both with the amateur and professional grower. It has very high quality, is entirely stringless, and the seeds are white.

LIMA BEANS

Trials have proven to us that Lima Beans have produced the largest crops when planted more thickly than customary. Rows 24 inches apart with the seed 2 inches apart in the row gave the best results. Always set the beans eye down, 1 inch deep and not until the ground is fully warm. Don't brush against bean foliage when it is wet.

Pkg. plants row 20 ft.; lb. 150 ft.

★ **Fordhook US242. All-America Bronze Medal Winner, 1945.** Nearly straight pods, uniform in size and shape, filled to overflowing with three and four very plump Beans of the highest quality. The large, vigorous plants are better yielders, especially for early picking than the old Fordhook and hold their fine form and size throughout the whole season. We have discontinued the old Fordhook as this new variety is so much better in every way. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.65

★ **Henderson Bush. The "Baby" Lima Bean.** Both pods and Beans are small but are produced in large quantities. Continuous bearers. A small patch will keep a family supplied with delicious Limas all season. The quality is very good. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.65

★ **Early Market. All-America Bronze Medal Winner. Earliest large-podded Bush Lima.** Developed by the U. S. D. A. at Beltsville, Md., and a great improvement on Burpee's Bush Lima. It matures a week before Fordhook, bears quantities of fresh green colored pods containing 3 to 4 large, flattened Beans of top quality and flavor. This is a mighty good Bean for either garden or market. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.65

★ **Triumph. Silver Medal 1949, All-America Award.** This new small sized, thick seeded "Baby Lima" is more prolific, with larger and thicker Beans, better protected from the sun than the older kinds. Plants are very vigorous growing and you can depend on it to bear a heavy crop every year. Height 16 inches. Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.85

SHELL BEANS FOR SOUP OR BAKING

★ **Seneca Horticultural.** A new Horticultural or Cranberry Bean. Long, thick, flat, light green pods splashed with carmine when mature. The Beans are light buff in color, heavily splashed with crimson. Pkg. 15c; 1/2 lb. 40c; lb. 75c; 5 lbs. \$2.85

★ **Robust Pea or Improved Navy.** Small, white. Pkg. 10c; 1/2 lb. 25c; lb. 40c; 5 lbs. \$1.75

★ **White Kidney.** Dwarf, hardy plants. Pods 6 inches, filled with large, kidney-shaped, white Beans. Pkg. 15c; 1/2 lb. 30c; lb. 55c; 5 lbs. \$2.50

Broad Long Pod BEANS DELICIOUS GREEN SHELL BEAN

Also called Fava and Horse Bean. Grown for green shell Beans, which are large, broad and flat, somewhat resembling Limas, and should be used in the same way. Flavor is like Peas. Plant grows very large and erect. The pods are 9 to 10 inches long, 1 1/4 inches wide and generally hold six Beans. Plant the seed as early as possible, for it takes 100 days to mature, and they will not thrive in midsummer heat. A package will make a row about 15 feet long; 1/2 lb. will sow 50 feet.

Pkg. 10c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.45

POLE BEANS

One of our customers had very good luck by planting a row of Russian Giant Sunflower in hills about 2 feet apart and growing Kentucky Pole Beans on them. Both can be planted together, as the Sunflower will keep ahead of the Beans.

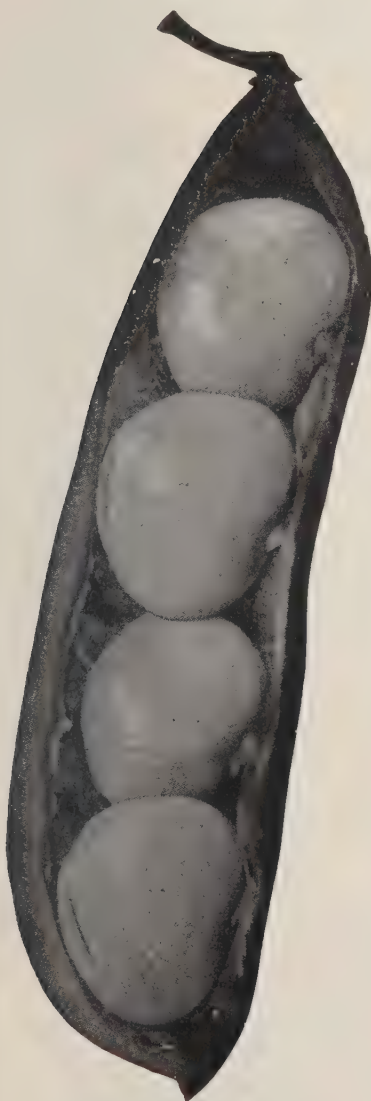
★ **Kentucky Wonder or Old Homestead.** The best early green-podded Pole Bean for home or market garden. Vigorous and productive. Pods 9 to 10 inches long, of fine quality, very fleshy, saddle-backed and stringless when young. Matures in 63 days. The seed is brown. Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.85

★ **Kentucky Wonder Wax.** The best Pole Wax Bean for northern planting. Similar in habit of growth to Kentucky Wonder Green Pod and bears as early, or when as high as the average Bush Bean. Pods are golden yellow, deliciously flavored and so fleshy that often the thickness surpasses the width. Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.85

★ **POLE LIMA, King of the Garden.** We think that this is the best Pole Lima; heavily productive, bearing straight pods 6 inches long, containing 4 to 5 large, thick, flat white Beans of very excellent quality. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.65

★ **Scarlet Runner.** Bears large sprays of brilliant scarlet flowers and is valuable not only for ornamental purposes but for its food value as well. The 8-inch pods are very good to eat when young. Pkg. 15c; 1/2 lb. 40c; lb. 70c

For much stronger, healthier plants and a much higher yield, treat your Lima Bean seed with Spergon. (See page 63.) Two ounces will treat just about all the Pea, Lima Bean, Squash, Cucumber and Melon seed normally used in a home garden.



Fordhook US242—All-America Bronze Medal Winner, 1945



Topcrop—All-America Gold Medal Winner for 1950

Green Podded Bush Beans

Keep your garden working all season. Enjoy tender, stringless green Beans until freeze-up time. For a succession of crops sow the seed every two weeks until July. 1 pkg will plant a 25-foot row; 1/2 lb. will plant 100 feet.

★**Bountiful.** Most popular Flat-Podded Green Bean. The vigorous, hardy plants bear great quantities of thick, broad, solid and meaty pods about 7 inches long. They are tender, of the highest quality and unusually delicious in flavor. This Bean retains its stringless quality even into maturity. Seed is brown. Season 51 days. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.65

★**Contender.** A new and the most promising looking green Bean that has been developed in many years. Pods are long, slender, more round than oval, very handsome, good quality, absolutely stringless. The plant is vigorous growing, mosaic resistant, and yields a tremendous crop that is easily picked. Pkg. 15c; 1/2 lb. 40c; lb. 75c; 5 lbs. \$2.85

Plentiful. The Best Flat-Podded Green Bean. Bronze Medal, All-America Selections, 1938. This is the top quality Flat Green Bean. The long, straight, light, fresh green pods are very smooth, entirely stringless whenever you pick them, and very meaty. The plant is very sturdy, grows about 15 inches high and bears a good crop of handsome pods every season. You can depend on Plentiful. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.65

Rival. An outstanding new green-podded bush Snap Bean. Plant is vigorous in growth, healthy, resistant to common Bean mosaic. Pods are round, not as smooth, and not nearly as long as Contender, but they do have splendid quality and the plant is a tremendous yielder. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.65

Stringless Black Valentine. Oval-pod type. Very early maturing, slim, oval, smooth, dark green Bean. A favorite with commercial growers for its fine appearance and very good keeping qualities. Seed is black. Ready in 55 days. Pkg. 15c; 1/2 lb. 30c; lb. 55c; 5 lbs. \$2.45

Supergreen. A mosaic-resistant green-podded Bean with slender round pods that are very long, of top quality and absolutely stringless. The plant is very sturdy and grows about 15 inches high. Beans are ready for a first picking in about 56 days. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.65

★**Tendergreen.** Straight, round pods 6 1/2 inches long, absolutely stringless and of the very highest quality. It has just about everything. A very heavy and early yielder of Beans of the finest flavor and quality. Of course they are stringless. Ready to eat in 53 days. Seed is brown. Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.65

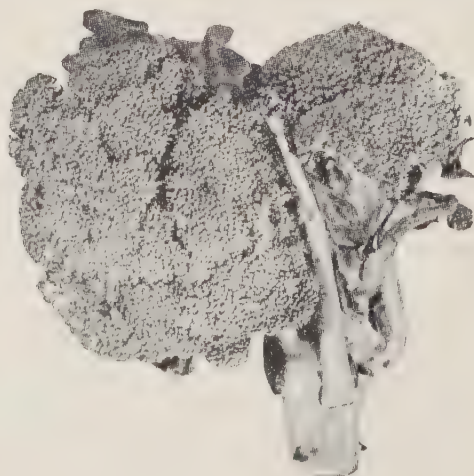
★**Topcrop.** Gold Medal Winner 1950. Developed by Dr. W. J. Zaumeyer, U.S.D.A., Beltsville, Md., for home gardens, market gardens, shipping and processing. A splendid freezer. Ready for picking in 52 days. Very heavy yielding, mosaic resisting plants. Pods, slender, round, straight, smooth and stringless. A very dependable cropper. In trials it has outyielded Tendergreen, Full Measure, Longgreen and other round podded varieties. Pkg. 15c; 1/2 lb. 40c; lb. 75c; 5 lbs. \$2.85

Broccoli

A vegetable very similar to Cauliflower but less delicate in flavor. Hardy, thrives best in cool weather and should be hoed and watered frequently. Sow the seed inside or in cold frames in January or February and set out plants when ground is warm. A large bluish green flower bud head forms in the center. After this is removed, small heads are produced on side branches. Cultivate same as Cauliflower. A package of seed will make about 350 plants. An ounce, 3000.

De Cicco. A new very early kind making a large center head within 60 days after planting and continuing to bear for many weeks. This kind produced more edible heads of high quality than any other variety in trials last season.

Pkg. 20c; 1/2 oz. 60c; oz. 95c

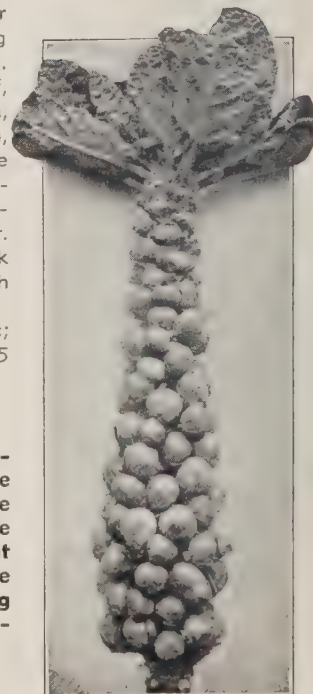


Brussels Sprouts

The small heads, resembling Cabbage, are formed along the stalk. Prepare like Cabbage or in cream, like Cauliflower. Sow seed in spring; transplant and cultivate same as Cabbage, except leaves should be broken down in fall, giving heads more room to grow. Freezing improves the quality of the sprouts. They may be left in the ground, here in the North, until December. One package of seed will produce 350 plants; one ounce, 3500 plants.

Catskill. We consider this the best of the Long Island Improved class. The plants are very dwarf, compact and uniform, producing very firm, round solid sprouts close to the stem. Very productive. Originally developed in the Catskill Mt. section of New York State, known for the high quality of its sprouts.

Pkg. 20c; 1/2 oz. 90c; oz. \$1.65



When visiting Rochester stop in and see us. We have a store at the corner of Stone and Ely Streets, right in the heart of the downtown shopping district. You will always be welcome.

HART & VICK'S CABBAGE

A heavy, moist, rich loam, thoroughly cultivated, highly manured and worked deep, is most suitable to Cabbage. Early Cabbage should be started under glass in March, and transplanted 2 feet apart in rows 2 feet apart as soon as ground outside can be prepared. For late plants, sow in drills in open ground in May; transplant in July. Protect against insects by dusting.

One package will produce about 350 plants; 1 ounce about 3500 plants.

The numerals directly after the variety name denote the number of days from setting of the plants to maturity of head. It usually takes about 30 days to produce the plants from seed.

Early and Midseason Kinds

Copenhagen Market. (66 days.) The most popular early, very large, round-headed Cabbage among home and market gardeners. We are really proud of this strain of Copenhagen Cabbage; it is, we believe, the very best medium-large early Cabbage that can be grown. Heads light green, round, solid, 6½ inches in diameter and 6 inches deep, weighing from 4 to 5 pounds, and of excellent quality. Pkg. 10c; ½ oz. 35c; oz. 65c

Early Jersey Wakefield. (62 days.) Very early, hardy, compact, erect grower, with few outer leaves, which permits close planting; short stem; medium sized, solid, pointed, uniform heads of fine quality, usually weigh 2 to 2¼ lbs. Pkg. 10c; ½ oz. 35c; oz. 65c

Glory of Enkhuizen. (76 days.) A large, solid, round, sure-heading Cabbage of vigorous growth and fine quality. We recommend it for both the home and market garden. Popular for kraut making. Pkg. 15c; ½ oz. 35c; oz. 65c

Golden Acre. (64 days.) The best very early Cabbage of medium size, 3 pounds. An excellent solid, round-headed variety for your garden, on account of earliness, fine quality and unusual uniformity of shape. Small, round, compact, solid heads are generally about 6 inches in diameter and weigh 3 pounds. Similar to Copenhagen Market but several days later. Plants small and compact and the stems short. Pkg. 15c; ½ oz. 35c; oz. 65c

Late Cabbage

Ferry's Round Dutch. Splendid home and market garden Cabbage. The plants are small and compact; stem short. Heads almost ball-shaped; about 8 inches diameter, 6 inches deep and usually weighing 5 lbs., firm and of very high quality. Stands well without cracking. Pkg. 15c; ½ oz. 40c; oz. 75c

Seneca Danish Ballhead. New York State Grown Seed that showed up very well indeed in many trials throughout the state. A new and superior strain of Danish Ballhead developed by the Robson Seed Company at Hall, N. Y., and released to commercial growers in 1947. Very vigorous growing, medium short stem, outstanding in yield and quality. The heads are very solid, uniform, average 5 to 6 lbs. apiece. Pkg. 15c; ½ oz. 40c; oz. 75c

CHINESE CABBAGE

MAKE THE BEST CABBAGE SALAD

Cut into quarters and boiled with meat, or alone, its mild, rich flavor and tenderness put it far ahead of Cabbage. Sliced thin and served cold with a cream dressing, it makes a most appetizing coleslaw. Served with broiled sliced bacon and a hot meat gravy poured over it, it is very good. Boiled, fried, baked with cheese—any way you have a mind to cook or serve Chinese Cabbage you will find it delicious. There won't be any tough outside leaves to it, for it's practically all heart, tender, crisp and juicy. It's very easily grown. Sow the seed in July, in rows 15 inches apart, and thin the same as Lettuce.

Michihli. A new uniformly sure heading kind, with longer 20-inch tall 3½- to 4-inch thick, slightly tapered, very solid heads of crisp, creamy yellow, splendidly flavored. The deep fresh green outer leaves makes this kind especially attractive. Pkg. 15c; ½ oz. 40c; oz. 75c

"We have no quarrel with those who sell for less, they should know what their stuff is worth."

In no case should Cabbage, Brussels Sprouts or Cauliflower be grown on the same soil more than once in four years, or serious disease infection may result.

Commercial Cabbage growers please send for our Market Growers Seed Catalog. We are very proud of the Super Strain of Danish Cabbage Seed we offer.

Red Cabbage

Mammoth Rock Red. (90 days.) The very best large red Cabbage. The heads are very solid, about 7 inches in diameter and weigh about 7 pounds. The color deep purplish red and the quality unequalled. If you have never grown red Cabbage, do so this year. You will be well pleased with the results. Pkg. 15c; ½ oz. 35c; oz. 65c

Yellows-Resistant Kinds

These strains were brought out by the Wisconsin Experiment Station so that Cabbage could be grown on farms with "cabbage yellows" soil. If you have had trouble growing Cabbage, try these resistant kinds.

Globe (Yellows-Resistant Glory of Enkhuizen). (80 days.) Use this in place of Glory of Enkhuizen on all land that is infected with yellows. Pkg. 15c; ½ oz. 40c; oz. 75c

Golden Acre. (Yellows-Resistant.) (64 days.) Same as the regular Golden Acre but making it possible to grow good crops on sick soil. Pkg. 15c; ½ oz. 40c; oz. 75c

Marion Market (Yellows-Resistant Copenhagen Market.) (75 days.) A round, solid-headed, crisp-leaved Cabbage that will produce a crop on "yellows" infected soils where non-resistant strains fail completely. Pkg. 15c; ½ oz. 40c; oz. 75c

FROM VICK'S ILLUSTRATED MAGAZINE, AUGUST, 1878

Early Cabbage. Last October I sowed some early Cabbage seed, because I read in one of your books that this was the way to have Cabbage very early in the spring. Early in December I put some boards around the bed, making a kind of box, and for a cover for the box I put evergreen boughs. Very early in the spring I set out the plants, and never before saw Cabbage so early and so good. In June I had splendid Cabbage.—CYGNET.



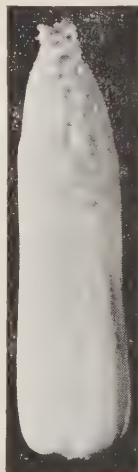
Chieftain is the Best Savoy Cabbage

Savoy Cabbage

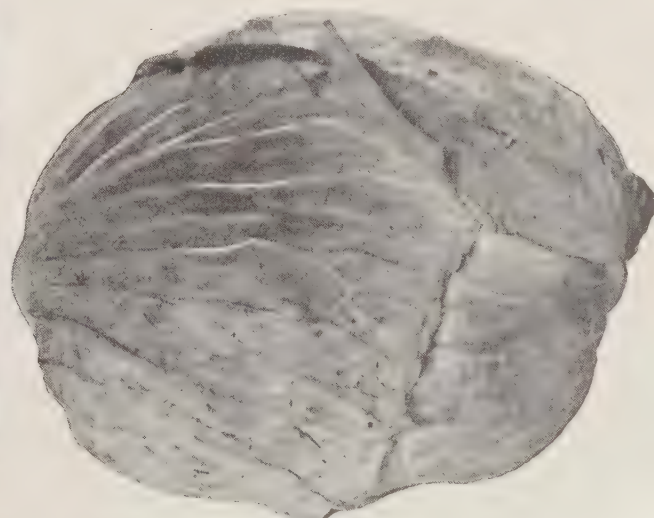
Chieftain. The best of the main crop late Savoy for the home or market garden. Outer leaves are large, thick, fleshy and densely crumpled. The heads are large, round, sweet and tender. Savoy Cabbage is quite unique in flavor and it is preferred by many connoisseurs to any other Cabbage. Pkg. 15c; ½ oz. 35c; oz. 65c



We firmly believe that this Seneca Danish Ballhead is at least the equal of any in the country.



A New Chinese Cabbage, Michihli, That We Are Offering This Year



Copenhagen Market is the best early large size round headed Cabbage for your garden



These are Nantes Carrots, Our Strong Top Strain, Often Called "Coreless"—We Believe It's the Very Best Kind for Your Garden

CARROTS for FARM and GARDEN

Any good land, thoroughly worked, will produce a satisfactory crop of Carrots. Sow as early in spring as possible, though good crops may be grown from seed sown as late as the middle of June. For table use, sow smaller kinds early, in rows 16 inches apart; for field growing, in drills 18 to 24 inches apart. Cover one-half to one inch deep and press soil down firmly above the seed. Thin 2 to 6 inches apart, according to size of variety. When preparing Carrots for the table wash and scrape them, never peel; the best flavor and color are near the skin.

One package of seed will sow 30 to 40 feet of row; 1 ounce, 300 feet; about 3 pounds, an acre.

Chantenay, Long Type. Our strain of this long, smooth Carrot with bright orange skin, orange flesh and very little core, is particularly good. We had it in 8 trials on upland and on the muck in New York State this past season and it was Number 1 on the list in every single trial. This Carrot will make tonnage for it grows 7 to 8 inches long and 2 1/4 to 2 1/2 inches in diameter at the shoulder. A good kind to sell in baskets on the market or to canners.

Pkg. 10c; 1/2 oz. 20c; oz., 35c; 1/4 lb. 95c

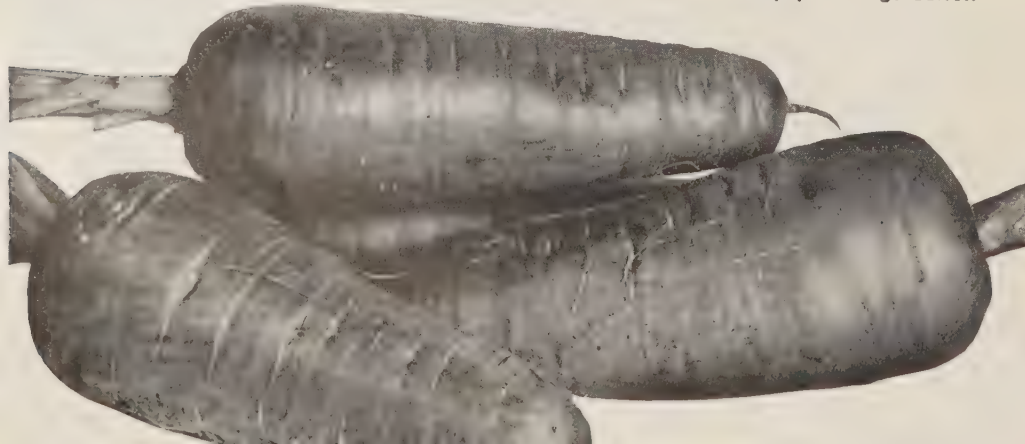
***Chantenay Red-Cored.** This is the best large coreless Carrot for both the home garden and for market and the strain we offer you here is absolutely tops for uniformity of shape and size, for smoothness, and for both exterior and interior color. The roots are about 6 inches long and 2 inches thick at the shoulders, smooth, reddish orange, tapered and blunt ended. The bright, clear orange flesh is fine-grained, tender and sweet, with practically no core. Grown for sale at roadside stands, public markets and to canners who "dice" them. We are particularly proud of this strain of Red-Cored Chantenay.

Pkg. 15c; 1/2 oz. 25c; oz. 45c; 1/4 lb. \$1.25

***Nantes Improved (Coreless).** One of the best and certainly the most popular long, slender-shaped Carrots for the garden. We believe this Strong Top Strain of ours to be unexcelled either for back-yard garden growing or for market. Roots 7 to 8 inches long, smooth and blunt-pointed, just about cylindrical in shape and bright orange in color. Flesh is bright orange and of the highest quality. This Carrot is often called "Coreless" Carrot. Small tops make it desirable for bunching. Commercial Carrot growers insist on a strong top strain of Carrot, so when they pull and bunch for market, the tops won't break away from the root. It's a great asset to a Carrot in your home garden also.

Pkg. 15c; 1/2 oz. 30c; oz. 55c; 1/4 lb. \$1.45

Red-Cored Chantenay Carrots—We are very proud of our stock of this popular large Carrot.



Joe Coleman, our representative in Orange County, showing us the quality of our Nantes Carrot in a 30-acre piece grown by Vincent Kosuga at Pine Island, N. Y.

Imperator. (Long type.) A new variety of the bunching type, with roots from 8 to 10 inches long. The skin is very smooth, deep orange in color—a color which extends clear through the root. The core is very small and tender. Exceptionally fine for market and for home gardens.

Pkg. 15c; 1/2 oz. 25c; oz. 45c; 1/4 lb. \$1.25

Tendersweet. The roots are about 7 inches long, tapering from a shoulder to a rather blunt point, deep orange-red colored skin and fine grained orange flesh with practically no core. You may like Tendersweet better than the Carrot you have been growing.

Pkg. 15c; 1/2 oz. 30c; oz. 55c; 1/4 lb. \$1.45

***Touchon.** Similar to our Nantes but has greater length. It will grow 7 to 8 inches long and 1 1/2 inches through. The root is straight and cylindrical with a very fine tap root. Flesh deep orange with a very small core and of top quality. A splendid home and market garden variety.

Pkg. 15c; 1/2 oz. 30c; oz. 55c; 1/4 lb. \$1.45

VICK'S FIRST FLORAL GUIDE WAS
PUBLISHED IN 1862

Chicory

Large-Rooted or Long Madgeburg. Extra large, long roots. The young leaves make an excellent salad. Feed to poultry as a tonic and the dried roots may be used as a substitute for coffee. A package of seed will sow 25 feet of row.

Pkg. 15c; 1/2 oz. 35c; oz. 60c; 1/4 lb. \$2.00

Witloof or French Endive. Sow seed in spring in open ground, 1/2 inch deep, in rows 18 inches apart, thin to 6 inches apart. Allow plants to grow until November. Take up roots and trim off leaves to about 1 1/2 inches from the neck. Plant roots in trench 1 1/2 inches apart and cover with 8 inches of fine soil. Here they produce blanched leaves for winter salad and cooking as greens. A pkg. of seed will produce about 350 plants.

Pkg. 15c; 1/2 oz. 45c; oz. 75c; 1/4 lb. \$2.25

Asparagus or Celery. Also known as Italian Chicory, Radichetta (Catalogna), and Italian Dandelion. Rapid growing salad plant with dandelion-like leaves often used for early greens. The leaves and flower shoots are very tender and have a faint Asparagus flavor and can be cut several times during the season. Very easily grown. A pkg. of seed will sow 35 ft. of row.

Pkg. 15c; 1/2 oz. 45c; oz. 75c; 1/4 lb. \$2.25

Cardoon

Large Smooth. A perennial grown for the fleshy leaf stalks or midribs which are cut in the fall and grow up again the following spring. Grows about 3 ft. tall and is often tied up to hurry blanching of the leaves.

Pkg. 15c; 1/2 oz. 45c; oz. 75c

To help Carrots grow long, smooth and straight, make a cut spade depth on each side of the row 2 inches from the roots. This loosens the soil, allows the root to grow down into the ground easily and makes a very smooth Carrot.



Jubilee makes a wonderfully fine flavored Tomato juice. Attractive when sliced with red fruited kinds. **Pkg. 15c.**



Nantes is a splendid coreless garden Carrot. Our strain has a strong top that does not break off when pulling. **Pkg. 15c; 1/2 oz. 30c.**



The splendid new Wax Bean, **Cherokee**. Wonderfully productive. **Pkg. 15c; 1/2 lb. 35c; lb. 65c.**



Fordhook 242 is the very best large Lima Bean. **Pkg. 15c; 1/2 lb. 35c; lb. 65c.**

We offer seed of Dr. Munger's new improved strain of **Iroquois** that is a little larger than the older type. **Pkg. 15c; 1/2 oz. 30c; 1/4 lb. \$1.65.**

For top quality in winter Squash, grow **Buttercup**. **Pkg. 15c; oz. 45c.**



Gem is the new early Tomato that has received so much attention lately. **Pkg. 15c; 1/4 oz. 35c.**

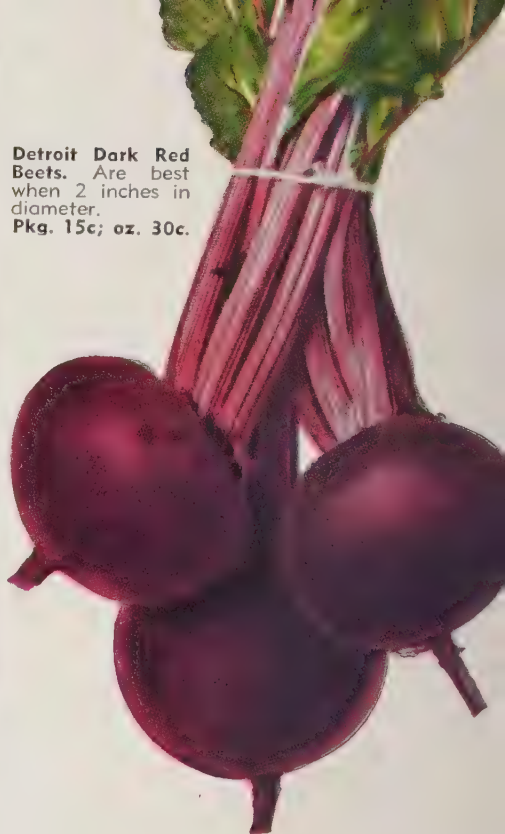




Cherry Belle.
Bronze Medal
Winner, 1947.
Crisp, mild, pure
white flesh. A
splendid new gar-
den Radish.
Pkg. 15c; oz. 30c.



Wanda. The Pea that
bears crops even in
hot weather.
Pkg. 10c; 1/2 lb. 30c;
lb. 55c.



**Detroit Dark Red
Beets.** Are best
when 2 inches in
diameter.
Pkg. 15c; oz. 30c.



Sweet Spanish Onions,
large, sweet and mild,
are easy to grow from
plants. See page 25.

**Valentine new Rhu-
barb;** red, sweet flesh.
65c a root; \$1.75 for
3, prepaid to you.

Below is the new **De
Cicco Broccoli.** Much
better than older
kinds.
Pkg. 20c; 1/2 oz. 60c.



We offer New York
State Certified Seed
of this popular **Golden
Cross Bantam Sweet
Corn.**
Pkg. 15c; 1/2 lb. 40c;
lb. 75c.



CAULIFLOWER

One package of seed will produce 150 plants; 1 oz., about 4000 plants.

For early Cauliflower, sow seed under glass in January or February and transplant to cold frames, 2 to 3 inches apart each way. Set in open ground early in the spring in rich, warm, moist soil. Water freely in dry weather, especially when plants are heading. For main crop, sow seed in June, set out your plants the latter part of July. After heads have begun to form, draw leaves over and tie to protect from the sun and keep them white. Cut while heads are compact and firm.

Early Snowball. A splendid variety that is ready to cut in 58 days from the day the young plants are set out. The very compact, solid heads are of medium size and mature all about the same time. The creamy white curd is usually smooth and firm. Pkg. 25c; 1/4 oz. 95c; 1/2 oz. \$1.75

Super-Snowball. Large, deep, solid, snow-white heads. Foliage heavy and upright, protecting the heads that mature early and evenly, and under favorable conditions the entire crop can be harvested at practically one cutting. Pkg. 25c; 1/4 oz. 95c; 1/2 oz. \$1.75

***Snowdrift or White Mountain.** This kind makes a very large, deep, solid, pure white head. The heavy, upright growing leaves are very numerous and being close together force the smaller inner leaves to curl over and protect the head. Well adapted for use under a wide range of conditions and generally considered the most satisfactory strain for the main crop for fall harvest. Pkg. 25c; 1/4 oz. 95c; 1/2 oz. \$1.75

Early Purple. More delicately flavored than any of the white varieties. The large, solid heads that need no blanching are deep purple and when cooked are green like Broccoli. Plants set out in early June will ripen heads before October. Pkg. 25c; 1/4 oz. 85c



Snowdrift Cauliflower



CELERIAC

Turnip Rooted Celery

This delicious vegetable, although used extensively throughout Europe, is but little known in this country. Cultivate same as Celery, except no hilling is necessary. It is cooked in various ways, boiled and creamed, put in stews or sliced very thin and put in boiling water, then served cold in salads. Every gardener should grow it. A package of seed will sow about 50 feet of row.

Large Smooth Prague. The standard variety, roots 3 to 4 inches in diameter, globe-shaped, fairly smooth, brownish yellow in color. Quality excellent. Pkg. 15c; 1/2 oz. 50c; oz. 85c; 1/4 lb. \$2.45

CHERVIL

Double Curled. The young leaves are used for flavoring soups and salads and for garnishing. Pkg. 15c; oz. 30c; 1/4 lb. 75c

CORN SALAD

A favorite salad plant in Europe and very hardy. Seed sown in April makes plants that can be used very soon. August-sown seed produces early spring plants. Pkg. 10c; 1/2 oz. 25c; oz. 40c

CRESS

Broad-Leaved. Resembles Water Cress in shape of leaf and in flavor, but grows well in the garden, being ready to use in about 60 days from seed sowing. Pkg. 15c; 1/2 oz. 30c; oz. 45c; 1/4 lb. \$1.25

Fine Curled or Pepper Grass. The finely cut leaves that grow so quickly are used for flavoring salad, for garnishing or as a green in sandwiches. Used with Lettuce, it adds an agreeable pungent taste. Sow every two weeks for continuous supply. A package usually makes enough plants for the average family. Pkg. 10c; 1/2 oz. 20c; oz. 35c; 1/4 lb. \$1.00

Water Cress. This requires a stream of water, ditch or pond in which to grow. Sow the seed in shallow water in the muddy bottom in the spring and keep free from weeds. Very popular for garnishing and for salads. Pkg. 20c; 1/2 oz. 55c; oz. \$1.00; 1/4 lb. \$3.50

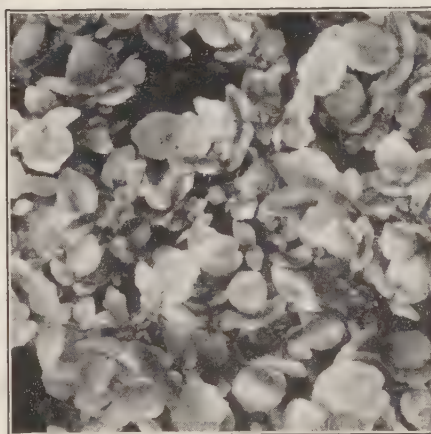


Chives are one of the most useful of the "flavoring" vegetables. Use it in salads and in soups.

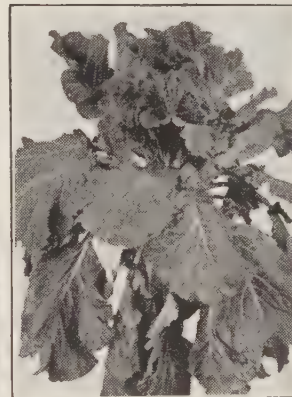
CHIVES

(Allium Schoenoprasum)

Most useful of the kitchen herbs. A low growing perennial that develops into a plant with thick, grasslike foliage, somewhat similar to Onion tops. These tops are used to give a mild Onion-like flavor to soups, stews, salads, meat sauces, gravies, omelets, potatoes. The more often the leaves are cut the stronger the plant grows. Pkg. 15c; 1/4 oz. 45c; oz. \$1.35



Garden Cress



COLLARDS

Georgia. Sometimes called non-heading Cabbage. Very popular in the South for boiling greens. Large, tender leaves that have a mild Cabbage-like flavor on 3-foot plants that bear all season. Ready in 80 days. Pkg. 10c; oz. 25c; 1/4 lb. 65c

The Garden HUCKLEBERRY

Freeze them and store for winter in your food locker.

These Seed Huckleberries or Sunberries—Wonderberries—Garden Berries—their botanical name is Solanum—they bear fruit from seed the first year.

These pie berries grow big, strong plants that bear quantities of fruit the same season that you sow the seed. Some call them Sun Berries, others Wonder Berries. Down in Wayne County, N. Y., where we saw them first, they call them Seed Huckleberries, first because they grow and bear from seed the first year and Huckleberries for the reason that pies made from them rival the most delicious Huckleberry pies that you ever tasted. Package of 50 seeds 15c; 2 pkgs. 25c



A
25
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PIECE
V



This is the kind of Golden Plume Celery that the commercial Celery grower gets from our Special Strain of Golden Plume.

HART & VICK CELERY

Celery seed is very slow in germination, and should be sown in March in flats under glass and kept moist. When plants are 2 inches high, thin out and transplant to stand 3 inches apart each way. When 5 inches high, set out, 6 inches apart, in trenches 6 inches deep. Cut off outer leaves and press soil firm about roots. Cultivate thoroughly. When full grown, blanch by mounding gradually with earth or by pressing stems together by boards on both sides of row. For winter storage, take up the plants with roots and place upright on wet soil in a dark cellar or roothouse, packing closely.

1 pkg. of seed will produce about 500 plants;
1 oz. about 8,000 plants.

Comparatively few people have ever eaten Green Celery, such varieties as Giant Pascal, Utah and Summer Pascal, but those who have, are never satisfied with any other kind. No yellow Celery can compare with the green varieties in quality and flavor. Grow Utah Celery in your garden or ask your supplier for it.

Cornell No. 6. Very much like No. 19 but the stalks are a little heavier and not as sharply ribbed. Makes a somewhat heavier growth than Cornell No. 19 and shows a little fuller heart. This is a specially good Celery for salad as the stalks are very thick, almost round and absolutely stringless and of the very highest quality.

Pkg. 20c; 1/4 oz. 75c; oz. \$2.25

Cornell No. 19. Developed and introduced by the New York State College of Agriculture. A cross between the green Celery Utah and the Golden Self Blanching. Early, easy blanching. Plants 24 inches tall. Edible stem 10 1/2 inches. Rounded thick stems; fairly good heart. Quality good. Resistant to fusarium yellows.

Pkg. 20c; 1/4 oz. 65c; oz. \$2.00

Giant Pascal. Also called Winter King. A very popular standard winter variety with Celery growers and back-yard gardeners especially in the New England states and in Pennsylvania. The plants are large, upright, heavy. Stalks tall, thick, solid and stringless. Has a very delightful rich nutty flavor, tender and crisp. Keeps well over winter. A green Celery.

Pkg. 15c; 1/4 oz. 40c; oz. \$1.25

Golden Plume. A special, early blanching strain of the very highest type. Large stalks, with a full golden yellow heart. The stalks blanch easily, are crisp and brittle, and remain in good condition for several days after digging. Extra fine for home gardens and market.

Pkg. 15c; 1/4 oz. 45c; oz. \$1.25

Utah 10-B. Very similar to Utah No. 15 and on some pieces of muck, under certain weather conditions growers prefer it to any other green variety. Plants not quite as erect in growth as No. 15. Edible stems 10 inches long, rounded, tender, crisp and of excellent quality.

Pkg. 15c; 1/4 oz. 40c; oz. \$1.25

Utah No. 15. This was the most satisfactory of the green Celeries we saw last year both in trial plots and in commercial plantings of our customers. Grows 28 in. tall, erect and compact; edible stems 8 to 10 in. uniformly long, rounded, thick, waxy and smooth. Splendid quality.

Pkg. 15c; 1/4 oz. 40c; oz. \$1.25

Summer Pascal. An early green kind of superb quality. The stems are long, thick and extremely tender. Green Celery has a rich, full flavor that is unsurpassed. The plant grows medium high and the large full heart blanches to a pure white.

Pkg. 20c; 1/4 oz. 65c; oz. \$2.00

Resistant Golden Plume. Highly resistant to Fusarium Yellows. Early maturing and easy blanching Celery of very high quality. Edible part of the stems about 8 inches long, thick, crisp and tender. The heart is uniformly large and full. For growers with soil infected with the Yellows Disease this new Celery will prove very popular.

Pkg. 20c; 1/4 oz. 65c; oz. \$2.00

FROM VICK'S ILLUSTRATED MAGAZINE, APRIL, 1882

Celery Plants: I find that when I sow Celery seed in the hotbed, I can have far better plants by transplanting twice before final setting. The roots are more numerous, the plants stocky, and they lift with a ball of earth. I am very careful to have a bed of rich mellow soil.—S. C. W.

If you grow Celery for market write to us for our Growers Seed Catalog. It is strictly a book for the commercial vegetable grower. It lists seeds in large quantities. Our seed is as good as can be grown. You can depend on the quality.



Utah No. 15
The Best Green Celery We Have Seen

Protect Your Garden Against

Rain - - Wind
Bugs - Frost
with



Hotkaps

HOTKAPS, like miniature greenhouses, keep out weather and insects, promote sturdier growth and bring plants to maturity weeks earlier.

25 Hotkaps with setter \$0.70, post-paid \$0.85
100 Hotkaps with setter \$2.75, post-paid 2.95
250 Hotkaps with setter \$4.65, post-paid 4.95
1000 Hotkaps \$14.65. Fiberboard setters 20c, postpaid 30c. Steel setters \$1.95, postpaid \$2.15.

HOTENTS

Are Much Larger Hotkaps

Miniature hothouses made of heavy waxed KAPS—10 1/2 x 14 1/2 x 8 1/2. Give the plant plenty of room to grow in. Protect against wind, hard rain, bugs and frost. Makes earlier and better vegetables. Post-paid to you.

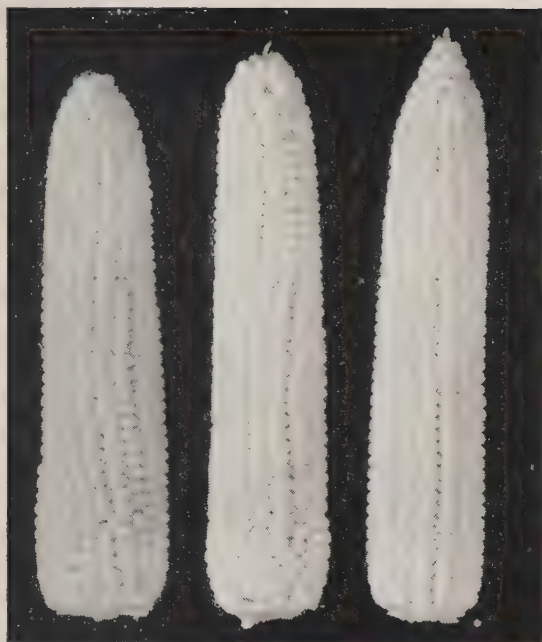
25 for \$1.25; 100 for \$3.35; 250 for \$7.25



Vincent Kosuga of Pine Island, N. Y., Showing Us Some Utah No. 15 Celery He Grew from Our Seed



Our Cornell 6 Celery on Jacob De Marree's Muck in Williamson, N. Y.



Lochief—Tops in Tenderness and Flavor

* **Lochief.** Many critical corn growers who have eaten this new Sweet Corn declare it is more tender and of better quality and flavor than any other Sweet Corn ever introduced. Ready to eat in 88 days, it is a heavy yielder of 9-inch ears filled to the tips with delicious, deep yellow kernels.

Pkg. 15c; 1/2 lb. 40c; lb. 75c; 5 lbs. \$2.95

SWEET CORN COLLECTION

Plant these four varieties at the same time and they will supply you with delicious Sweet Corn for thirty days.

Seneca "60"
Golden Cross Bantam
Golden Bantam
Marcross C13x6

One pkg. of each—will plant 200 hills—
 postpaid for\$0.50
 1/2 lb. of each—will plant 800 hills—post-
 paid for 1.35

THE BEST SWEET CORN

Northern Grown Seed Corn Means Earlier Crops

Sweet Corn can be raised on any good, ordinary soil that is thoroughly worked. Plant five kernels to the hill, which should be about 3 feet apart each way, or plant in rows, one seed every 3 inches, covering seed with about 1 inch of soil firmly pressed down. Thin out to 3 plants to a hill. For succession, plant every 2 weeks up to July 15th. A package of seed will plant about 50 hills or about 75 feet of row. 1 lb. of seed will plant about 400 hills or 1000 feet of row.

HYBRID SWEET CORN

Hybrid Corns are crosses between an inbred strain and a standard variety or a crossing of 2 inbreds. To produce Hybrid Corn this must be done each year. Do not save seed from Hybrids, it will not come true the next season. Hybrid Corns are of special value to commercial growers because the ears from 1 planting mature at the same time. If you want Corn over a long period plant 3 or 4 kinds.

Seneca "60." Earliest of all Hybrid Corns. Ready to eat in 62 days. A new and very prolific hybrid bearing two and many times three ears to the stalk. The stalk grows about 4 feet tall and the ears are 6 inches long, slender, and filled with 8 to 10 rows of creamy yellow kernels of good quality for such an early Corn.

Pkg. 15c; 1/2 lb. 50c; lb. 85c; 5 lbs. \$3.15

Golden Rocket. Ready to eat in 67 days. Long, 8-inch ears with 10 to 14 rows of deep kernels that fill it to the tip. It has splendid quality, the cream-colored kernels are tender, sweet and juicy. We recommend Golden Rocket as the highest quality early Corn and feel sure it will be a welcome addition to your vegetable garden.

Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.75

Marcross C13x6. A wilt-resistant hybrid that is ready to eat in 70 days. The ears are 6 1/2 to 7 1/2 inches long and carry 10 to 14 rows of light yellow kernels of fair quality. Not at all a strong growing kind but popular with the commercial growers on account of its earliness and complete resistance to Stewart's disease.

Pkg. 15c; 1/2 lb. 35c; lb. 65c; 5 lbs. \$2.65

* **Carmelcross Improved.** 72 days. Large, 8-inch ears filled to the end with 12 to 16 rows of deep, sweet and tender kernels, creamy yellow in color, very attractive and of delicious flavor. This is the most popular second early kind. It is the ideal Corn in its season both for the home and market garden. The plants grow 5 1/2 feet tall, are very robust and entirely resistant to wilt.

Pkg. 15c; 1/2 lb. 40c; lb. 75c; 5 lbs. \$2.95

* **Golden Cross Bantam.** Seed grown in New York State and recognized by commercial Corn growers as the best strain on the market. The highest quality Hybrid Sweet Corn that we have seen. The ears are about 8 inches long, with 14 rows of cream-colored kernels. Golden Cross is ready for use in about 84 days. Stalks are 4 to 5 feet high, thrifty growers, and bear 2 ears to a plant.

Pkg. 15c; 1/2 lb. 40c; lb. 75c; 5 lbs. \$2.95

* **Cross Country.** A new Hybrid Sweet Corn ready to eat a few days before Golden Cross Bantam and with longer ears filled with 14 rows of deep, creamy yellow, sweet and tender kernels. Splendid in appearance and high in quality.

Pkg. 15c; 1/2 lb. 50c; lb. 85c; 5 lbs. \$3.15

Golden Bounty. A new Hybrid that is ready to eat in 85 days and that has all the mighty good qualities of Golden Cross Bantam and in addition an ear that is a full inch longer and better filled to the tip. It is one of the best main crop hybrid Sweet Corns that has been developed in many years.

Pkg. 15c; 1/2 lb. 40c; lb. 75c; 5 lbs. \$2.95

Ioana. All-America Winner, 1940. A new midseason yellow Corn (86 days) that is resistant to drought and wilt. The ears are 8 inches long with 12 to 14 rows of light yellow kernels. Very heavy yielding and does particularly well on light soils as it doesn't sucker and is drought-resistant.

Pkg. 15c; 1/2 lb. 40c; lb. 75c; 5 lbs. \$2.95

Standard Varieties of Sweet Corn

Often preferred by home gardeners because the ears mature over a much longer time than the Hybrid Corns do and extend the eating season.

* **Golden Bantam.** (78 days.) Hart & Vick's old-fashioned strain with 6-inch ears, 8 rows of deep kernels. The original strain that made Golden Bantam famous is, we believe, away ahead of any other; has the wonderful richness, sweetness, and tenderness that make this variety so popular.

Pkg. 10c; 1/2 lb. 25c; lb. 45c; 5 lbs. \$1.75

Golden Early Market. Ready to eat in 65 days. A very early open pollinated Sweet Corn. Ears are 6 inches long, filled with 12 rows of creamy yellow kernels of fair quality. A good variety for both home and market where you want very early Corn.

Pkg. 10c; 1/2 lb. 30c; lb. 50c; 5 lbs. \$1.95

* **Stowell's Evergreen.** (95 days.) The standard main-crop variety for home garden or market. Ears very large and filled to the tips. The sweet kernels are pure white. Remains fresh and edible longer than any other.

Pkg. 10c; 1/2 lb. 30c; lb. 50c; 5 lbs. \$1.95

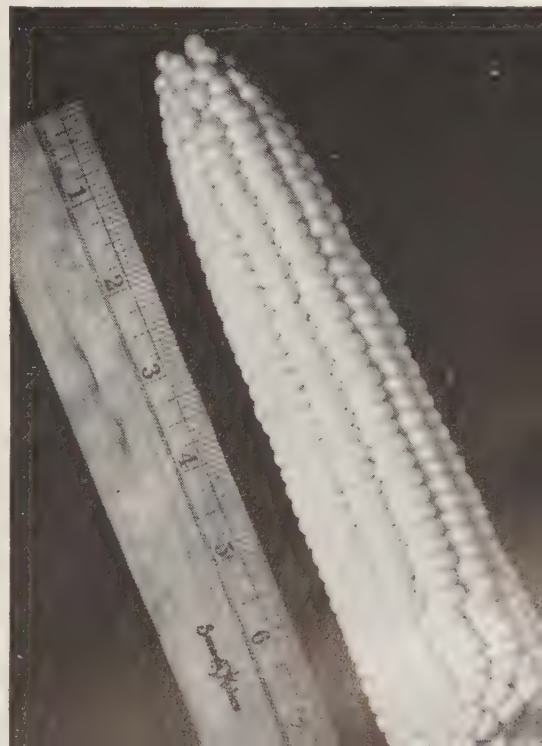
HYBRID HULLESS POP CORN

Minhybrid 256. A new yellow Hybrid Pop Corn that shows a 16% larger yield and 29% greater popping volume than the old Hulless. Early and of good quality. Do not save for seed purposes as this is a hybrid.

Pkg. 15c; 1/2 lb. 40c; lb. 70c; 5 lbs. \$2.95

SCARE-AWAY—The Modern Scarecrow—Protects Corn from Damage by Birds

Golden Rocket
 An Early Yellow Kind, Juicy,
 Sweet and Tender



CUCUMBERS

One package of seed will sow 25 hills; 1 ounce about 100 hills.

Cucumbers should be raised in every home garden. They can be grown to perfection with ordinary care. Plant seed when danger from frost is over, an inch deep in hills 4 to 6 feet apart each way, dropping six seeds in a hill. When second set of leaves has formed, thin to 3 plants to a hill. Cultivate thoroughly until runners make this impossible. If plants are attacked by beetles, spray with Bordeaux, arsenate of lead, or use one of the new DDT sprays or dusts. Make a second sowing of seed about 5 weeks later to furnish you with Cucumbers and pickles for preserving.

For earlier Cukes place Hotkaps over the seed after you plant it. They keep the soil moist, bugs away, protect from frost.

A and C. A popular Cucumber in the East both with the commercial grower and the home gardener. An outstanding kind for shipping on account of its deep green color which is retained for an unusually long time after picking—a feature especially desirable for those who send their Cucumbers to market. This white-spined Cucumber grows about 10 inches long and 2 1/4 inches thick. The fruits are straight and shapely and of very high quality. Flesh is crisp and of very delicious flavor. Pkg. 10c; oz. 35c; 1/4 lb. 95c

Cubit. All-America Bronze Medal for 1944. A splendid home and market garden kind, cylinder-shaped and about 8 inches long. The ends are blunt, making it an ideal slicing fruit. The skin is lustrous dark green and the flesh firm and pure white. Very vigorous and very heavy bearing. We have heard some very complimentary things said about Cubit. Many experienced gardeners like Cubit better than Marketer. Here we think Marketer is slightly better. Pkg. 15c; oz. 40c; 1/4 lb. \$1.15

Early White Spine. Splendid kind to grow for "Dill" pickles. An early, smooth, straight Cucumber 7 inches long and 2 1/2 inches thick. Its color is dark green. Excellent for slicing when fully grown or when small for finger and dill pickles. A very productive variety. Pkg. 10c; oz. 35c; 1/4 lb. 95c



York State—A New Disease-Resistant Cucumber Pickle for Your Garden

Highmoor. An outstanding new slicing kind developed by Dr. Russell Bailey of the Maine Experiment Station. The fruit is of very high quality and thick meated, 8 to 9 inches long, cylinder-shaped with blunt, round ends and very dark green in color. The plant is very vigorous growing and a splendid producer of good looking fruit, nearly immune to scab and resistant to mosaic and downy mildew. Pkg. 15c; oz. 40c; 1/4 lb. \$1.15

Longfellow. Handsome, solid deep green fruit that holds its attractive color long after it has been picked. Straight, cylinder-shaped Cukes 12 to 14 inches long and 2 1/2 inches thick. Pkg. 15c; oz. 45c; 1/4 lb. \$1.25

Improved Long Green. A standard variety for slicing and largely for pickling. The vines are vigorous and productive. The Cucumbers are long, slender, dark green, with warts and spines well distributed. Popular in home and market garden. Pkg. 10c; oz. 40c; 1/4 lb. \$1.15

Cucumbers are divided into two classes. The "Black Spine" and the "White Spine." The spines being the bristles showing on the fruit when it is young. The black spined kinds turn yellow when ripe. The white spines turn white.

Marketer. Rich dark green fruits, uniformly cylindrical in shape, slightly tapered ends and about 8 inches in length. Flesh thick, crisp, white, and of fine flavor. Vines are vigorous growing and bear unfailing big crops for a long season. This new variety is attracting the attention of commercial growers of quality Cucumbers and promises to be a most popular variety. Pkg. 15c; oz. 40c; 1/4 lb. \$1.15

Mixed Cucumbers. Made up of the large slicing varieties and the smaller dills and picklers. Many gardeners have asked us for such a mixture as Cucumbers seem to do better when varieties are mixed in the garden and cross pollenized. Pkg. 15c; oz. 45c; 1/4 lb. \$1.25

National Pickling. Anyone who likes the small sweet or sour pickles will want to grow a great patch of this new Cucumber. Likewise, if you are partial to "dills," let the Cukes remain on the vines until they are of the right size. The vines are thrifty and bear heavy crops. We recommend to commercial pickle growers our stock of this pickler. It will please their most critical trade. Pkg. 10c; oz. 35c; 1/4 lb. 95c

Straight-8. Very prolific. This variety has made a strong appeal to local market gardeners because of its size and appearance. The fruits are about 8 inches long and from 1 1/2 to 2 inches in diameter, with rounded ends. The skin is deep green, while the flesh is pure white, crisp and tender. A good kind to grow under glass. Few seeds. Pkg. 15c; oz. 40c; 1/4 lb. \$1.15

Lemon Cucumber. This splendid Cucumber is nearly round, with yellow and green markings and smooth skin, similar to the lemon. The flesh is tender and crisp, with a sweetness and flavor surpassing all other Cucumbers. Fruit is from 2 to 3 inches in diameter, and of handsome appearance. For pickling, either when green or ripe, they are unexcelled. Ready for table when fruits turn yellow. Pkg. 15c; oz. 45c

York State Pickling. New mosaic-resistant kind developed by Dr. H. M. Munger of Cornell University that will bear an abundance of fine pickles in gardens where mosaic disease is so bad that other Cucumbers will not grow. Pkg. 15c; oz. 45c; 1/4 lb. \$1.25

FERTILE POTS

Make Stronger Plants and Earlier Crops

Pots made of plant food and manure that hold moisture and feed the plant as it grows. Plant the seed right in the pot and set pot and all right in the ground when the time comes to plant your garden. The plant suffers no set-back from transplanting and the roots grow right through the pot.

No. 2 1/2 (about 2 1/2 in. diameter). Prepaid
Carton of 12\$0.60
Carton of 50 1.85
Carton of 100 3.10
Carton of 250 5.65

No. 3 (about 3 in. diameter). Prepaid
Carton of 12\$0.75
Carton of 50 2.15
Carton of 100 3.70
Carton of 250 6.55



Marketer is one of the new Cucumbers with a very bright future

Hart & Vick's EGGPLANT

One package of seed will produce 200 plants; 1 ounce 2000 plants.

Harvest your Eggplant while the skin is still glossy. It is too old when the skin becomes dull.

Maturing days mentioned mean days from the time the plant is set out in the garden until it is ready to eat.

Start seed under glass early in March and bring plants to a good size as rapidly as possible. Transplant, when 3 inches high, singly, into 2½- to 3-inch pots. (Fertile Pots are best, see page 12.) As soon as weather is warm set out in open ground, about 2 feet apart each way. Spray or dust for beetle with arsenate of lead or one of the new DDT sprays or dusts.

***Black Beauty.** (73 days.) An extra early variety. The fruits are large, blunt, oval in shape, purple-black, entirely spineless, and of very high quality, weigh several pounds each and are entirely free from spines and thorns. Holds its color a long time and is a desirable market variety as well as the very best kind for the home gardens, except in very northern sections. This is a very reliable and heavy bearing variety, each plant producing several large fruits. Pkg. 15c; ½ oz. 50c; oz. 95c

New Hampshire Hybrid. (60 days.) An extra early kind that does well everywhere and is especially valuable in northern sections where the season is short. The round and oblong fruits are deep purple in color and of splendid quality. Plants are sturdy, low, compact growing and bear ten days before other kinds. Pkg. 15c; ½ oz. 60c; oz. \$1.00



Black Beauty Eggplant

ENDIVE is Easily Grown

One of the best salads for fall and winter use, for garnishing and flavoring soups and stews. Sow in shallow drills, 15 inches apart; thin plants to 1 foot apart. For early use, sow in April; for late use, in June or July. When full grown, tie outer leaves together over center to blanch the heart. Cover fresh plants every few days for a succession. One package of seed will sow 50 feet of row; 1 ounce 300 feet.

Deep Heart Fringed. All-America Medal Winner. An entirely new type of Endive having the broad leaves of Batavian but finely fringed like Green Curled and more upright in growth than either. Easily blanched to an appetizing creamy white, crisp and tender. A splendid home garden kind. Ready in 70 days. Pkg. 15c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.00

Full Heart Batavian (Escarolle). Broad, twisted and waved, bright deep green leaves with thick, nearly white midribs. The inner leaves form a fairly solid clustering head which blanches to a beautiful white; crisp and tender. Unsurpassed for salads. Ready in 90 days. Pkg. 10c; oz. 30c; ¼ lb. 85c

Green Curled Green Ribbed. Ready in 65 days. Rich green leaves are very finely cut giving the plants a feathery appearance. The 15-inch heads blanch easily to pure white and have a most delicious, crisp, refreshing flavor. Pkg. 10c; oz. 30c; ¼ lb. 85c



Full Heart Batavian Endive or Escarolle

Fennel

Florence (Finocchio). Grown in home and market garden, and produces a bulb at the surface of the ground of aromatic and Anise-like flavor. The stalks are eaten like Celery, raw or creamed. Sow the seed in rows 20 inches apart and thin plants to 10 inches apart; Blanch by drawing up the earth. Pkg. 15c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.25

KALE is Rich in Vitamins

Use for greens and garnishing. The tender young shoots branching from the stalks make very delicious greens or may be cut up to be eaten raw in salads and sandwiches. Hardier than Cabbage and is improved by frost. Sow the seed in the garden in early spring for large fully grown plants. Sow in July for those small tender leaves to use in the fall and winter. Sow seeds ½ inch deep in rows 2 to 3 feet apart. Thin plants to stand 12 inches apart in the row. Package of seed will sow 50 feet of row; 1 ounce 300 feet.

Dwarf Blue Curled. Bluish green foliage of unusually high quality. The plants are hardy, compact in habit, and produce an enormous amount of foliage, used both for eating and for table decoration. Pkg. 15c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.25

Siberian or Sprouts. These plants grow about 15 inches high, will spread to 3 feet or more across, and are the largest of all the Kales. Large, light bluish green leaves curled at the edges; nearly all are edible. Pkg. 10c; oz. 30c; ¼ lb. 95c



This is Dwarf Blue Curled Kale

Hart & Vick's KOHLRABI

An edible bulb that grows above ground and combines the good qualities of Cabbage and Turnips. Kohlrabi is tender and delicious, and can be cooked in many ways. Sow seed early in spring, in rows 1½ feet apart, and thin to 4 inches. Make two sowings 10 days apart in the early spring, and again in July for a fall crop. Matures in 10 to 12 weeks.

One package of seed will sow 40 feet of row; one ounce 300 feet.

Early White Vienna. The standard for market, table, or forcing. The flesh is white, tender, and has a greenish white skin. Pkg. 15c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.85

Early Purple Vienna. A purple-skinned, white-fleshed bulb similar to White Vienna. Pkg. 15c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.85

White Vienna Kohlrabi is a mighty good vegetable for your garden. We have some very nice things said about it from people who tried it for the past three seasons.

White Vienna Kohlrabi



DANDELION

One package of seed will sow 100 feet of row.

Improved Thick-Leaved. A splendid salad plant. This variety has large, thick leaves and is a valuable plant for "greens" in the early spring. Some prefer to tie the leaves together over the head to blanch it and then eat it like Endive. Sow seed in good loam, drills 1 foot apart; thin or transplant to 1 foot apart in rows. Ready to eat in 60 days. Pkg. 15c; ¼ oz. 45c; oz. \$1.45

Italian Dandelion. You will find this on page 8 listed under Chicory. It is a rapid growing salad plant whose Dandelion-like leaves are used as early greens. The leaves and flower shoots are very tender and have a faint Asparagus flavor. They may be cut several times during a season. Pkg. 15c; ½ oz. 45c; oz. 75c

LETTUCE

Lettuce, to be at its best, should grow rapidly. Soil should be made as rich as possible by fertilizing and thorough preparation. For main garden crop, sow seed outdoors in a warm spot in the garden, as early in spring as possible, in rows 18 inches apart. The way to raise good heads of Lettuce is to thin them out when they are 1 inch high so that they will stand 18 inches apart in the row. Fresh Lettuce can be had all season by sowing at intervals of two weeks.

One package of seed will sow 50 feet of row; one ounce about 300 feet.

BUTTERHEAD and CRISP-HEAD KINDS

Big Boston. Plants are hardy, vigorous, sure-heading and stand for a long time before seeding. The heads are large and very compact. When stripped of the outer leaves, they show creamy white, crisp, cool and tender. Pkg. 10c; oz. 35c; ¼ lb. \$1.15

Cornell No. 456. Very popular with commercial Lettuce growers. Produces solid heads during periods of high temperature when Imperial No. 44 will not do so well and is also more resistant to tip-burn. A good head Lettuce to grow during July and August. Requires moisture to do its best. Pkg. 15c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.45

Early May King. The earliest of all head Lettuces, and especially good for the home garden. Heads are light green, tinged with brown; inner leaves rich golden yellow, crisp and tender. Pkg. 10c; oz. 35c; ¼ lb. \$1.15

Great Lakes. A popular kind with commercial Lettuce growers. Plants are large, dark green in color, heads solid, sweet and crisp. Stands a long time before bolting to seed and is very resistant to tip-burn. Pkg. 15c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.45

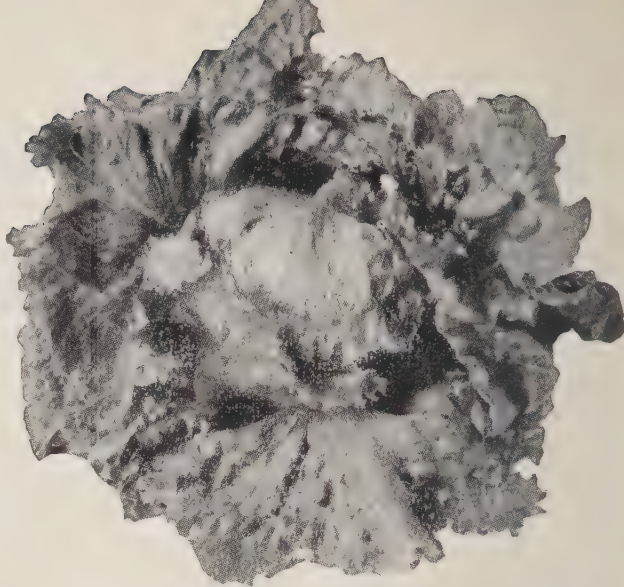
Imperial No. 44. A very popular "Iceberg" type Lettuce to grow here in the East. The heads are large, solid and very good quality. The seed is white. Pkg. 15c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.25

Pennlake. Bronze Medal Winner, All-America 1949. Originated by Dr. M. T. Lewis, Penn State College. We have had this new Iceberg type Lettuce in trial for the past two years and it does show a lot of promise, especially on marl mucks and on upland. The heads are uniform in size, rather conical in shape, leaves fold well over the top of the head. It is slightly larger than Cornell 456 and smaller than Great Lakes. Pkg. 15c; ½ oz. 45c; oz. 80c; ¼ lb. \$2.75

Premier Great Lakes. Bronze Medal, All-America 1949. An early and distinct strain of Great Lakes and valuable on this account. Large, dark green leaves and large, uniform and solid, slow bolting heads, weighing up to two pounds. Resistant to tip-burn and recommended for upland growing. It is the best early Iceberg type Lettuce for your garden. Pkg. 15c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.45

Progress. A new early, dark green, thick-leaved, heavily savoyed, crisphead Lettuce, a product of selection from a cross of Imperial 44 with an unnamed hybrid seedling. As compared with Imperial 44, Progress is darker green, thicker leaved, more savoyed, more resistant to tip-burn, and a few days earlier. It does particularly well in parts of New York State and New Jersey. Pkg. 15c; ½ oz. 45c; oz. 80c; ¼ lb. \$2.75

White Boston (Large Frame Type). A solid-headed Lettuce with a tightly folded heart that blanches to a bright creamy yellow color. Resembles Big Boston, but does not have the red tinge of that variety. We supply seed of this Lettuce to many commercial Lettuce growers. It is as fine a strain of White Boston as there is in the country. Pkg. 10c; oz. 35c; ¼ lb. \$1.15



Premier Great Lakes—A New Iceberg Lettuce for Your Garden

LOOSE-LEAF KINDS

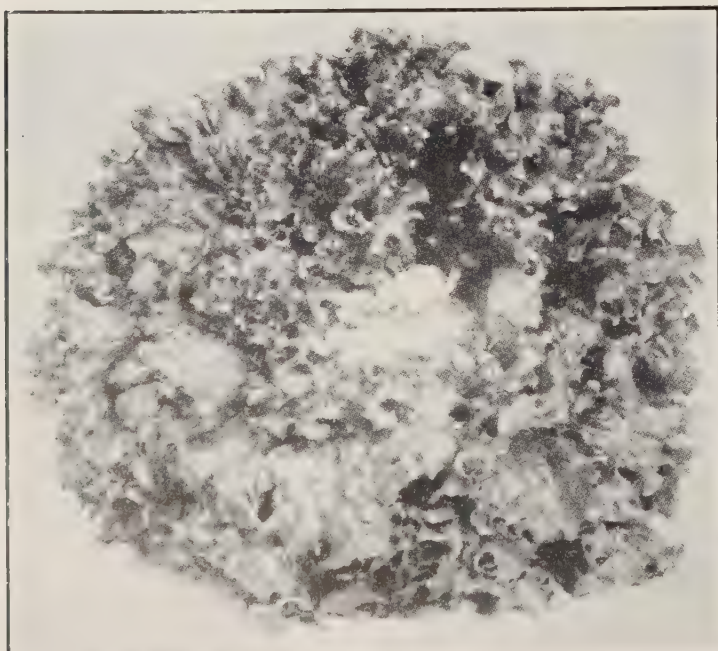
Black-Seeded Simpson. This curly, thin-leaved, loose-heading variety is one of the best for sowing outdoors where a tender leaf is desired. Leaves extremely tender, ruffled, and of an attractive light yellowish green. It retains its excellent quality a long time. Pkg. 10c; oz. 30c; ¼ lb. 95c

Grand Rapids. Our Special Strain of larger, stronger, lighter green and extremely curled. A very popular variety with market gardeners. It is of very quick growth, hardy, little liable to rot, and stays in condition several days after being ready to cut. A loose-leaved variety with bright green, crimped leaves that will not wilt quickly after cutting. Pkg. 10c oz. 30c; ¼ lb. 95c

Grand Rapids U. S. No. 1. A mildew-resistant kind making a larger, more robust plant than Grand Rapids and the leaves are more deeply cut and frilled. Preferred by many commercial men for greenhouse growing. Pkg. 15c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.20

Oak Leaf. Ready in 40 days. A unique variety with rich dark green, tender leaves of unusual form. Very decorative and of high quality. Easily grown all season as it is very resistant to hot weather. We have just found this Lettuce described in Vick's illustrated Magazine for December, 1879. Pkg. 15c; ½ oz. 25c; oz. 45c

Slobolt. A new leaf Lettuce that will not go to seed for a long time, even in hot summer weather, so can be used 2 to 3 weeks longer than any other kinds. The ideal leaf Lettuce for home gardeners. Leaves long, fresh green in color, ruffled and frilled edges and very tender and sweet. Pkg. 15c; ½ oz. 30c; oz. 50c



Slobolt—A Splendid Leaf-Lettuce for the Garden

Cos or Romaine Lettuce

Dark Green Cos. Good sized head of rich dark green. Not as good as Trianon for the home garden. Pkg. 10c; oz. 35c; ¼ lb. \$1.15

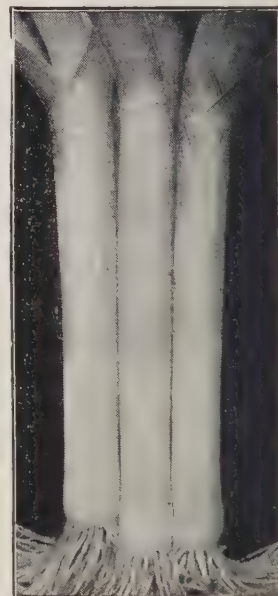
Trianon Self-Folding Light Green. This differs from the ordinary Lettuce in the shape of its leaves, which are spoon-shaped and very crisp. It is served in the better restaurants and hotels as "Romaine Salad." Pkg. 10c; oz. 35c; ¼ lb. \$1.15

Leek

Long, thick white stemmed, onion-like plant that forms no bulb. Bleached by hilling with earth it is much relished by the Italian people in soups and salads.

American Flag. An old favorite variety but, in our opinion, as good as the newer Elephant variety. Pkg. 10c; ½ oz. 30c; oz. 50c

Elephant. Larger and thicker pure white stems than American Flag. Tender and mild. Pkg. 15c; ½ oz. 45c; oz. 75c



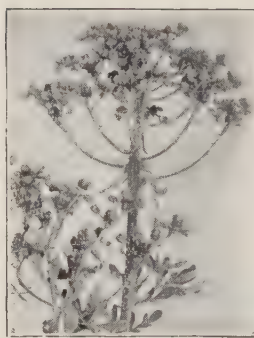
Leek



Borage



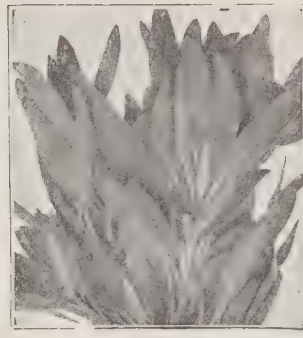
Basil



Sweet Marjoram



Mammoth Dill



Broad Leaf Sage

HERBS FOR YOUR GARDEN Sweet, Pot and Medicinal

Grow a few Herbs in your garden. You will find them useful in many ways. They do best in a rich, mellow soil. Sow seeds early in the spring, in rows 1 foot apart, and thin out or transplant when up a few inches. For winter storing, cut before they come into full blossom and hang up where they can dry.

Anise. Used for garnishing and flavoring. The seeds are used in cakes, bread, soup. Perennial. 18 inches high. Pkg. 25c

Basil. The pleasant clovelike flavor of the leaves and flowers is a delightful addition to all Tomato cookery, as well as to salads and soups. The leaves and flowers may be cut and dried for winter use. Sow the seed outdoors where the plants are to remain. Grows 18 inches tall and branches profusely. Pkg. 15c; 1/2 oz. 40c; oz. 75c

Borage. An annual used for bee-pasture and as a pot-herb. Pkg. 15c; 1/2 oz. 35c; oz. 60c

Lavender. *Lavandula vera.* Hardy plant bearing lavender-blue flowers often dried and placed with linens, etc., to impart fragrance. Pkg. 25c; 1/4 oz. 85c; 1/2 oz. \$1.50

Sage, Broad Leaf. An important flavoring for meats, dressings, sausages and cheese. A perennial whose seed is sown in the spring or may be increased by cuttings or plants. Cut the leaves before the last of September, dry and store in jars for winter use. Pkg. 15c; 1/4 oz. 30c; oz. \$1.00

Dill, Long Island Mammoth. The seed heads are cut at the time the seeds begin to ripen and are used in the making of "dill" pickles. Sow seeds outdoors as early as possible 1/2 inch deep. Thin to stand 8 inches apart in the row. The leaves and flowers are used for flavoring soups and fish. Pkg. 10c; oz. 25c; 1/4 lb. 75c

Coriander. For garnishing.

Pkg. 15c; 1/4 oz. 30c

Savory, Summer. Used in cooked dishes and in meats and dressings. Sow seed in poor soil, in the garden, in early spring. The aromatic qualities are more pronounced when grown in poor soil. Gather the stems and leaves in midsummer and dry for winter use. Pkg. 15c; 1/2 oz. 40c; oz. 75c

Sweet Marjoram. Used for seasoning sausages and in other dishes, when either fresh or dried. Very rapid growing, the leaves may be used 6 to 8 weeks from time of planting. This is a biennial treated as an annual that makes a bushy plant 2 feet high. Pkg. 15c; 1/4 oz. 40c

Thyme, Broad-Leaved. Well known perennial plant used for seasoning poultry and fish. Protect the plants over winter. Pkg. 25c; 1/4 oz. 65c; oz. \$1.85

Mangels and Sugar Beets

No crops are more valuable for feeding cattle and sheep than Mangels and Sugar Beets. In these past few years it is hard to find a dairyman who does not feed them. The average yield is 45 tons to the acre. They are easily harvested, not a particle of waste to them, and may be stored in pit and root cellar with little trouble. Sow 8 pounds to the acre in May or June, in drills 2 feet apart, and thin to 10 inches in the row. One ounce will sow a 100-foot row; 6 to 8 lbs. to the acre.

Giant Double Sugar Green Top. Contains more sugar than any other. Large, oval; grow half out of ground. Heavy yielder. White, red tops. Pkg. 10c; oz. 25c; 1/4 lb. 55c; lb. \$1.45

Long Red. These long giant Mangels are light red and smooth, and grow well out of the ground, making the digging easier. Splendid for feeding and keep well. Pkg. 10c; oz. 25c; 1/4 lb. 55c; lb. \$1.45

Golden Tankard. Large, long, thick, spindle-shaped roots; light gray tinged with brown above the ground, yellow below. Flesh of good quality and high in food value. Very easily harvested. Pkg. 10c; oz. 25c; 1/4 lb. 55c; lb. \$1.45



Mushrooms

Mushroom Spawn

Crumbled Tobacco Stem Spawn is easier to handle and much more certain in results than older types. The vigor of this spawn, the moisture retaining ability, the complete coverage of each particle with active spawn and the fact that tobacco stems are less attractive to insects produce a spawn that is more resistant to adverse conditions. It will produce the finest white mushrooms much more rapidly. 1/2 pound will spawn 35 square feet of bed. Pkg. that will plant about 10 sq. ft., 50c; 1/2 lb. \$1.35; lb. \$2.50; 5 lbs. \$11.50, prepaid to you. Full directions for growing mushrooms are sent with each order.

Okra or Gumbo

The pods are used in making soups and stews. Cut up, they give them flavor and body. Pick the pods when they are small and tender. When the ground is warm in the spring sow the seed in the garden. Thin the plants to stand about 2 feet apart. A package of seed will sow about 20 feet.

Long Pod Dwarf. A very good kind for the home garden as the plants are much more compact growing and take up less room. Very heavy bearer of 7- to 8-inch, tapered, dark green, fleshy, tender pods. Mature in 55 days. Pkg. 15c; oz. 30c; 1/4 lb. 75c

Mustard

Long Standing (Southern Curled). An early maturing bright green, broad, large, curled-leaf variety of mild and pleasing flavor. Highly nutritious and may be eaten as a salad or cooked. Sow the seed in the early spring and every 10 days until hot weather. For fall use sow seed several times in succession beginning in mid-August. Thin to stand 6 inches apart. A package of seed will sow 15 feet of row. Pkg. 10c; oz. 25c; 1/4 lb. 65c

Fordhook Fancy. A long standing variety with curled and fringed leaves of mild and pleasant flavor. Pkg. 10c; oz. 25c; 1/4 lb. 65c

You get the same high quality seed in these garden size packages as we furnish the commercial grower of flowers and vegetables whose living depends on the quality of the seed he sows.



Long Pod Okra



Long Standing Curled Mustard



Delicious Muskmelon

WATERMELONS

1 package of seed will sow 10 hills;
2 to 3 pounds an acre.

Dixie Queen. Here is a Melon, popular in the Watermelon country in the South, but one that can be grown very successfully here in the North, as it matures in 85 days. Very large, often weighing 40 to 50 lbs., nearly round, light green striped darker green. Deep pink flesh, thick, crisp and of splendid flavor. White seeds. Pkg. 10c; oz. 35c; 1/4 lb. 95c

Honey Cream. Best Medium-Sized Watermelon for Northern Gardens. Medium size, nearly round Melons with light green skin, striped darker green. The flesh is cream-yellow, firm and delicious in flavor. A very fine Watermelon for your garden, and one that fits the modern refrigerator. Ready to eat in 82 days from seed planting. Pkg. 15c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.45

Early Kansas. A large, nearly round Melon of top quality, ready to eat in 85 days from seed planting. Flesh is bright red and thick, seeds red. Skin deep emerald-green with paler green stripes. Good for the home garden and market. Pkg. 10c; oz. 35c; 1/4 lb. 95c

Wondermelon. (Improved Kleckley's Sweet.) Best large long Melon for the North. This variety has made a reputation for itself in the southern states, and in the past few years has been grown extensively in the North. The skin is dark green with lighter green patches; rind is very thin; flesh is deep pink with small seed cavity. Seeds are white. 85 days. Pkg. 10c; oz. 35c; 1/4 lb. 95c

Citron for Preserves. Medium sized fruits used in preserves and pickling. Ripens in the fall and can be kept in good condition a long time. 95 days. Pkg. 10c; oz. 25c; 1/4 lb. 75c

New Larger Fruited Iroquois Muskmelon
Developed by Dr. Henry Munger
of Cornell University, Ithaca, N. Y.

MUSKMELONS

One package of seed will sow
15 hills; 1 ounce 80 hills;
2 to 3 pounds an acre.

Plant Muskmelon seed in a warm, sunny spot after all danger of frost is past, in rich, sandy loam if possible, in hills 6 feet apart each way, placing 6 to 8 seeds in a hill and covering with about an inch of fine soil firmly pressed down; thin out to 4 plants to the hill. Cultivate frequently. When vines are 12 to 18 inches long, pinch tips to make them branch, and spray frequently with Cuke and Melon Dust for striped beetle. Grown the same as Cucumbers, see page 12 for cultural directions.

Cover the hills when the seed is planted or the young plants, if you transplant them from pots, with Hotkaps. It will make earlier fruit and save the plants from bugs, hail, frost, rabbits.

Bender's Surprise. (95 days.) An orange-fleshed, deliciously sweet, highly flavored Melon; oval in shape, light green with coarse netting. A wonderful keeper and shipper. Very popular with and valuable for market gardeners. Our strain of Bender's is very fine. Pkg. 15c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.45

Delicious. (85 days.) A Melon that ripens very early and is of good size and splendid quality. The flesh is firm, thick, deep orange-yellow, very sweet and delicious. We recommend this Melon for both the home and market garden. It ripens 10 days earlier than Bender's. Pkg. 15c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.45

Hearts of Gold. We offer the large type. Thick, tender, juicy, sweet flesh, just the flavor you will like. Melons round as a ball, heavily netted. Weigh about 3 lbs. Vines strong, and yield many fruits. Our customers say it's a winner. Ripens in 90 days. Pkg. 10c; 1/2 oz. 30c; oz. 45c; 1/4 lb. \$1.35

Irondequoit. A fine yellow-fleshed Melon introduced by James Vick in 1889. Vines are very productive. Melons are large, excellently shaped, distinctly ribbed and netted. The flesh is solid, very thick, with very small delicious seed cavity, rich salmon-yellow, sweet, and of a most delicious flavor. 86 days. Pkg. 15c; 1/2 oz. 30c; oz. 45c; 1/4 lb. \$1.35

Queen of Colorado (Pride of Wisconsin.) A splendid new Melon for the home garden and for market. The salmon flesh is very thick, leaving but little seed cavity. Flavor is exceptionally good, sweet and delicious. A very good shipping variety. 86 days. Pkg. 15c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.45

IROQUOIS

SWEETER—DELICIOUS—ATTRACTIVE
DISEASE-RESISTANT

We Offer You Seed of Our Own Growing of Dr. Munger's New Larger Type of This Delicious Melon—A Splendid New Muskmelon for Your Garden That is Resistant to Fusarium Wilt

Iroquois was developed and introduced by the New York State College of Agriculture at Ithaca, N. Y. It is slightly oval in shape, heavily netted and very uniform in size. You will find most of the fruits weigh between five and six pounds. The flesh is orange-yellow in color, very thick, and outstanding in its sweetness, flavor and quality. Many who sampled it last season declared it the finest Muskmelon they have ever eaten. The vine of Iroquois is very vigorous growing and a most prolific bearer. We recommend Iroquois to all gardeners whether they are going to grow it for their own use or for selling on the market. Ripens in about 95 days. Pkg. 15c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.65

Before you plant our Muskmelon seed treat it with Spergon. It combats fungus, protects it from rotting in the ground, increases germination, makes stronger plants and better yields. 2 ounces will treat several pounds of seed. 1 oz. 25c; 5 ozs. \$1.00; lb. \$2.40; 5 lbs. \$10.50

New Hampshire Midget Watermelon

Small, "ice-box" size Melons, 6x7 inches. Sweet, juicy and of a most delicious flavor. Very early. Was originated at the University of New Hampshire and ripens on the vine very nicely in that northern state. Vigorous, heavy bearing vines. Pkg. of seed 15c.



There are two outstanding new green-podded Snap Beans offered this year: **Contender**, an oval podded kind, and **Topcrop**, a very long round pod variety. Both are splendid garden varieties. Contender is pictured in color on the back cover of this book.

HOT-KAPS PROTECT MELONS

HOTKAPS, like miniature greenhouses, keep out water and insects, promote sturdier growth and bring plants to maturity weeks earlier.



25 Hotkaps with setter \$0.70; ppd. \$0.85
100 Hotkaps with setter 2.75; ppd. 2.95
250 Hotkaps with setter 4.65; ppd. 4.95

ONIONS FROM PLANTS-SEEDS-SETS

FROM PLANTS

Grow Giant Sweet Spanish Onions in Your Garden

Large Spanish Onions, mild, sweet and solid, are easily grown in ordinary garden soil from these Yellow Sweet Spanish Onion plants. Set them out 4 inches apart in rows 15 inches apart. Fertilize and water well.

Bundle of about 100 plants 50c; 2 bundles 90c; 5 bundles \$1.75; 10 bundles \$3.00, prepaid to you.

Please remember we do not guarantee the number of plants per bundle, and all orders are taken with this understanding. We sell by the bundle, not by number of plants.

Write for prices in large quantities. Order now. We start shipping about the 15th of April and continue until the last of May.



Here is the way the plants come to you, tied in a bundle of about 100 plants. Trim an inch or two off the tops and set them out 2 inches deep and 4 inches apart.

In the fall you harvest these large and mild Sweet Spanish Onions.

Cool, dry storage, such as an attic, where the temperature is never high, and still never freezes, can be used for Onions. These store best in a dry place at temperature of 32 to 36 degrees.

Mild, Sweet and Tender
Sweet Spanish Onions



FROM SEED

As early in the spring as possible, sow the seed in rich soil in rows 10 to 15 inches apart, covering one-half inch deep and firming earth well down. When plants are well started, cultivate and weed. Thin to 3 inches apart in the rows as spring Onions are required for the table. When bulbs are full grown bend over the tops to hurry ripening before harvesting. Store in a cool frost-proof place.

One package of seed will sow 25 feet of row; 1 ounce 200 feet; 4 to 5 pounds an acre.

Danvers Yellow Globe. A main-crop yellow Onion for the home and market garden. It is fairly large in size, uniformly globe-shaped, with small neck, and ripens very evenly. Skin is rich coppery yellow. The creamy white flesh is crisp, mild, and excellently flavored. Keeps especially well and is excellent for shipping.

Pkg. 10c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.75

Early Yellow Globe. Early, large, globe-shaped, and good color. Flesh pure white, very mild in flavor, sweet, juicy. The bulbs keep well, and are very popular with commercial Onion growers in New York State.

Pkg. 15c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.75

Ebenezer or Japanese Onion. Yellow skin; white, crisp, tender, mild flesh. Bulbs flat; good keeper.

Pkg. 10c; 1/2 oz. 30c; oz. 45c; 1/4 lb. \$1.50

Brigham Yellow Globe. Also called "Michigan Onion." We have given much attention to this Onion, and find it is a great yielder and fine keeper. The bulbs are large, heavy, slightly deeper than broad. Skin is rich orange-yellow; the flesh snowy white, firm and mild in flavor. Brigham Yellow Globe is valuable for both home and market gardeners.

Pkg. 15c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.75

Prizetaker. A Giant in Size, Delightfully Mild in Flavor. The largest of all Onions—often 15 to 18 inches in circumference. A very desirable fall and early winter variety, often offered on the fruit stands as Spanish Onions. Skin is thin, bright straw-yellow; flesh pure white, crisp, mild, and sweet. One of the finest of the table Onions. Give them plenty of room for they require 4 to 5 inches space on account of size.

Pkg. 15c; 1/2 oz. 35c; oz. 60c; 1/4 lb. \$2.00

Southport White Globe. Flesh is white, remarkably firm and solid. Very attractive when cooked.

Pkg. 15c; 1/2 oz. 35c; oz. 60c; 1/4 lb. \$2.00

Southport Red Globe. One of the handsomest and most richly colored of all red Onions; very large and uniformly globe-shaped. Skin is smooth; flesh white, with tinge of purple. An excellent keeper.

Pkg. 10c; 1/2 oz. 30c; oz. 45c; 1/4 lb. \$1.50

Yellow Sweet Spanish. (Utah Strain.) This very large Onion runs about 4 inches in diameter, is heavy, of true globe shape, with a golden colored skin and pure white flesh of mild, sweet flavor. This variety requires a longer season to mature than other kinds. Its popularity as a commercial Onion is growing very rapidly. Give plenty of room to develop.

Pkg. 15c; 1/2 oz. 35c; oz. 60c; 1/4 lb. \$2.00

Hardy Bunching. A splendid kind to sow for "scallions" or green Onions. Seed sown in the spring produces in the early fall, long, smooth, white, mild Onions in clusters of from four to five to a single plant. Seed sown in July or early August will produce "scallions" or mild "green onions" very early the next spring. Protect in severe climates with a mulch of straw or leaves.

Pkg. 15c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.75

White Portugal. If you like mild, tender, crisp, snow-white spring Onions, that you can pull early in the spring, or those small white Onions for pickling, this is a mighty good kind to plant. Also used for growing sets.

Pkg. 15c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.75

If you grow Onions for market, either on muck or on upland, write us about it and ask for our Grower's Catalog. We are Onion Seed Specialists.

FROM SETS

This is an easy way to grow very early "Green Spring Onions" and the mature large Onions for summer, fall and winter table use. Put these sets out early in the spring 2 inches apart in the row, cover 1 inch deep.

Ebenezer Yellow Sets. Make splendid, tender "Spring Onions" and large, flat winter keeping Onions of very high quality.

Silverskin White Sets. Tender green Onions or large white-skinned fall Onions.

Prices of All Sets Postpaid to You:

Lb. 45c; 2 lbs. 80c; 5 lbs. \$1.75; 10 lbs. \$3.25.



PLANT THESE SETS EARLY IN THE SPRING
Then if you like "Green Spring Onions," mild and tender, you pull them when they are like this.



Or you may thin them out to stand 4 inches apart and leave them in the ground where they will make large Onions to store away for winter use.





Hollow Crown Parsnips—Standard for Both Home Garden and for Market

HART & VICK'S PARSLEY

Used for garnishing and seasoning soups and stews. Sow seed early in spring, in rows a foot apart, covering one-half inch deep with the soil pressed down; thin plants to 8 inches apart in the row. The seed is slow in germinating. Frequent cutting of the leaves will greatly improve the new growth. **One package of seed will sow 35 feet of row; 1 ounce, 200 feet.**

Champion Moss Curled. A vigorous sort with dark green, finely cut, curled leaves. Good for home and market garden.

Pkg. 10c; oz. 30c; ¼ lb. 85c

Turnip-Rooted or Hamburg. The roots, which are the edible part, are used for flavoring soups and stews. They resemble a small Parsnip, in both color and shape. The roots are not affected by frost and can be left in the ground all winter.

Pkg. 10c; oz. 30c; ¼ lb. 85c

Plain-Leaved Parsley. Smooth, dark green leaves known as Italian Parsley and used for flavoring. Pkg. 10c; oz. 30c; ¼ lb. 85c

Paramount. Award of Merit, All-America Seed Selections. A rich dark green, triple curled variety, very uniform in habit of growth. Stem 5 inches long, leaves triangular, 7 inches long, 4 inches across base. A great home garden and market Parsley.

Pkg. 15c; oz. 40c; ¼ lb. \$1.00

HART & VICK'S PEPPERS

Peppers are used largely for seasoning meat and vegetable dishes, as well as for salads and mangoes; also used for making chow-chow and chili sauce. Culture same as for eggplant. Sow seed early in hotbed; transplant when danger of frost is over, into rows about 2 ft. apart, plants 2 ft. apart in the rows. **One package of seed will produce 150 plants; 1 ounce, 1200 plants. All red Peppers are green before they are ripe and turn red or scarlet.**

SWEET PEPPERS

★California Wonder. The fruit is very large, heavy, and of splendid quality. A medium-early kind. We recommend Early Wonder or Calwonder in place of this kind, for northern gardens. Matures in 72 days.

Pkg. 15c; ½ oz. 45c; oz. 85c

Calwonder. Ready to use in 63 days. Large fruits 4½ inches long and 4 inches thick, with thick, sweet meat that is very mild. Skin is smooth, dark green and very attractive. Plants are low and bushy, and set very heavy crops.

Pkg. 15c; ½ oz. 45c; oz. 85c

★Early Wonder. Are earlier than California Wonder. Medium to large, blocky fruit with very thick, meaty walls. Starts bearing early and continues over a long season. 63 days.

Pkg. 15c; ½ oz. 45c; oz. 85c

King of the North. Large, dark green fruit, turning a rich red when ripe. The flesh is thick, mild and sweet. Plants are vigorous growing and heavy bearers. A splendid kind both for home garden and for market. 65 days.

Pkg. 15c; ½ oz. 45c; oz. 85c

Oshkosh. Bright yellow when ripe. The fruits are about 4 inches long and 3½ inches in diameter, and are very mild and sweet. Especially favored when "stuffed." You can use this kind either when green or when they turn yellow when ripe. Pkg. 15c; ½ oz. 45c; oz. 85c

HOT PEPPERS

Giant Cayenne. One of the best hot Peppers. The fruit is 3 inches long and 1 inch through, being much larger than the old Cayenne Pepper, and the fruit is equally pungent. Ripens very early, wonderfully prolific. 70 days.

Pkg. 15c; ½ oz. 45c; oz. 85c

Hungarian Wax. (Large type strain.) An early, very productive Hot Pepper that grows about 8 inches long and 1½ inches thick at the crown. Flesh is fairly thick and very hot and pungent. Skin dark green, turning bright yellow then red when ripe.

Pkg. 15c; ½ oz. 45c; oz. 85c

Large Bell or Bullnose. A large, bright crimson Pepper with thick, hot flesh of excellent quality. It is early and ripens uniformly. 55 days.

Pkg. 15c; ½ oz. 55c; oz. \$1.00

Hot Portugal. Large, long, pointed Peppers, many times more than 6 inches in length and 2 inches through. A bright red color when ripe, the thick flesh is fiery hot. The plant is strong and upright in growth, holding the fruit well up from the ground and a most dependable producer of very big crops.

Pkg. 15c; ½ oz. 45c; oz. 85c

PARSNIPS

Parsnips do best in rich, deep soil. Sow early in drills 2 feet apart; cover one-half inch deep and press soil firmly. Thin to 4 inches apart in the rows. Cultivate freely. The quality is improved by leaving them in the ground over winter, as they are perfectly hardy, or they may be stored for winter use. **One package of seed will sow 25 feet of row; 1 ounce, 150 feet.**

Hollow Crown. Standard for home or market garden. Long, smooth, white, tender, and sugary.

Pkg. 10c; oz. 25c; ¼ lb. 85c

Model. Remarkably smooth white Parsnip, free from side shoots. Medium length and good quality.

Pkg. 15c; oz. 35c; ¼ lb. 95c

Use Vermiculite to grow your plants in. It's light, clean and sterile, no fungous diseases, no damping off. It will grow strong plants with splendid roots. See page 61.



Paramount Parsley

Dry Parsley leaves and keep them in a fruit jar. Use them for flavoring soups and stews during the winter.

SUNFLOWER

Mammoth Russian. Grows immense heads often 18 to 20 inches in diameter and produces more seed than any other variety. Stalks grow 10 feet high. Seed is striped, plump with a thin shell. A valuable food for chickens and parrots.

Pkg., 10c; ½ lb. 25c; lb. 45c; 5 lbs. \$1.85

Calwonder, Large Thick Meaty Fruits in 63 Days



GARDEN PEAS

From our own experience and from results obtained in the gardens of our customers, we offer you these ten kinds of Peas for both the home and the market garden.

Sow the seed just as early in the spring as possible for the best growing time is in cool weather. Plant the seed of early, medium season and late Peas at the same time rather than three successive plantings of one kind. Sow the seed 2 inches apart, 2 inches deep, in rows 2 feet apart. Treat the seed with Nitragin. It helps make greater yields. A package of seed sows a row about 30 feet long; 1 pound 300 feet. One pint weighs 1 pound.

★ The star before the variety name indicates that it is a good kind to freeze for food locker storage.

DWARF TELEPHONE OR DAISY The Very Best Late Dwarf Pea

72 days. A second-early wrinkled sort, bearing numbers of pods well filled with extra large, finely flavored Peas. Considered by some of the older gardeners to be one of the best midseason green wrinkled Peas. A wilt-resistant variety. Pkg. 10c; 1/2 lb. 30c; lb. 55c; 5 lbs. \$2.35

★FREEZONIAN All-America Bronze Medal Winner for 1948 Takes the place of Thos. Laxton

62 days. A new early wilt-resistant kind that freezes particularly well. The blunt 3- to 3 1/2-inch, very dark green pods are filled with 6 to 8 large, luscious peas that have a tender, clinging skin that doesn't peel or loosen in freezing and are borne in abundance on very thrifty vines that grow 30 inches tall. Mature at the same time as the old favorite, Thomas Laxton, but is a better Pea in many ways. Pkg. 10c; 1/2 lb. 30c; lb. 50c; 5 lbs. \$2.25

★LITTLE MARVEL More Pods to the Plant Than Any Other Kind

63 days. An excellent early, dwarf, wrinkled Pea for market and home garden. It produces more small pods of medium to small Peas to the vine than any other variety except Wando, and they are of very fine quality. Height 18 inches. Pkg. 10c; 1/2 lb. 30c; lb. 50c; 5 lbs. \$2.25

★MID-SEASON GIANT A Large-Podded Pea That is Excellent for Freezing

Ready in 75 days. Very sturdy vine, 2 to 2 1/2 feet tall. Bears dependably dark green, pointed pods about 5 inches long, containing 8 or 9 large, plump Peas of good quality. Vine wilt-resistant. Pkg. 10c; 1/2 lb. 30c; lb. 55c; 5 lbs. \$2.35

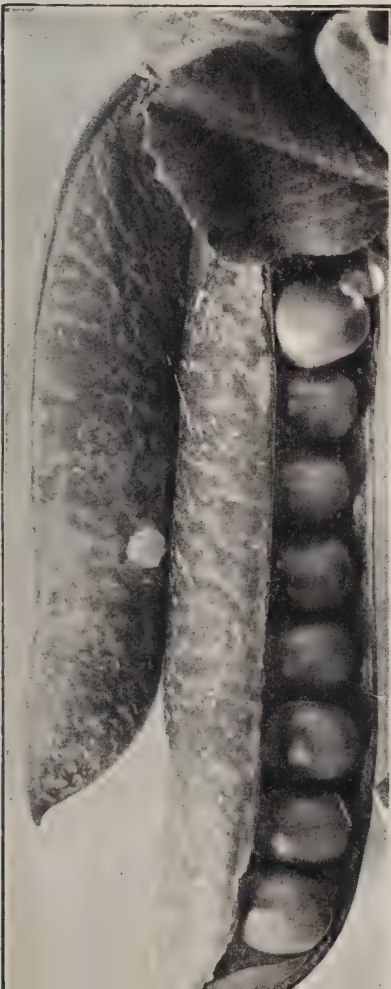
★MORSE'S PROGRESS Larger and Stronger Growing Than Laxton's Progress. Splendid Variety

Matures in 60 days. A new variety suited to both the home garden and to market where a large-podded, low-growing, early bearing variety is wanted. The 4 1/2-inch pods are very dark green in color and are uniformly well filled with large, plump Peas of splendid quality. Resistant to Fusarium Wilt. This is one of the very best Peas for your garden. Pkg. 10c; 1/2 lb. 30c; lb. 50c; 5 lbs. \$2.25

★TELEPHONE, DARK GREEN-PODDED (Alderman)

72 days. The standard main-crop variety that has held its popularity for nearly 40 years, and is a favorite with market gardeners both at home and abroad. The vines grow about 5 feet high and crop is ready for use in 72 days. The pods are extremely large, attractive bright green, and filled from end to end with large, tender Peas which are sweet flavored and of excellent quality. A wilt-resistant variety. A splendid Pea for quick freezing and canning. Pkg. 10c; 1/2 lb. 30c; lb. 50c; 5 lbs. \$2.25

Morse's Progress Peas—large pods, top quality, ready to eat in 60 days.



WANDO Will Bear a Crop of Peas During Hot Weather

68 days. You can sow seed of Wando right through the month of June and the plants will bear crops of Peas even in the hottest weather. The vines grow 30 inches tall, are very thrifty but certainly don't require trellising. The dark green pods are of medium size, blunt ended and filled with 7 to 8 Peas of excellent quality. Give this new Pea a place in your garden this year. You can pick fresh Peas from the garden right through the summer. Pkg. 15c; 1/2 lb. 30c; lb. 55c; 5 lbs. \$2.35

WORLD'S RECORD

This is the Best, Early, Sweet, Wrinkled, Large-Podded Pea. Ready to eat in 58 days. A splendid kind both for home garden and for market. Plant grows 24 inches high, bearing a big crop of long, 3 1/2-inch, dark green pods filled with large, tender and very sweet Peas. A wilt-resistant variety. Pkg. 10c; 1/2 lb. 30c; lb. 55c; 5 lbs. \$2.35

All-Season Pea Collection

These four splendid kinds planted as soon as the ground is warm will provide you with delicious quality Peas during the entire Pea season.

WORLD'S RECORD. Early.

FREEZONIAN. Second early.

VICTORY FREEZER. Midseason.

MIDSEASON GIANT. Late.

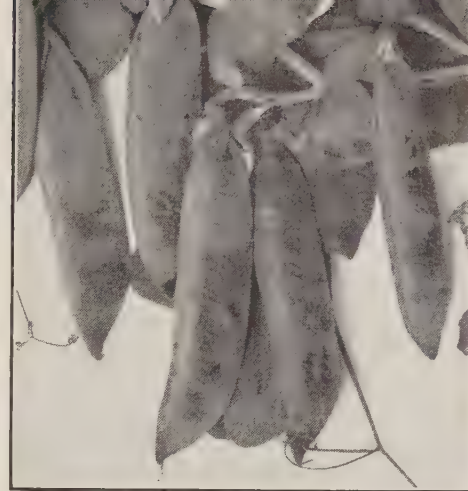
COLLECTION OFFER: 1/2 pound of each kind, four 1/2-lb. pkgs. for \$1.00. One pound of each kind, four 1-lb. pkgs. for \$1.90. Postpaid to you.

Ready-to-Use Containers for Frozen Peas

A carton made from strong, sterile paperboard, coated inside and out with a thermoplastic compound, providing moisture-vapor protection. Requires no auxiliary wraps or tags to insure complete protection.

1-Pint Size—Case of 25 \$1.00
1-Quart Size—Case of 25 1.25

Postpaid for an additional 15c per case.



Victory Freezer—A New Pea for Freezing

★VICTORY FREEZER

All-America Bronze Medal for 1948. A splendid new Pea for the garden and for freezing. Ready to pick in 67 days just after Little Marvel and before the tall and low growing Telephone Peas are ready. The strong 28-inch plants don't require support and bear dependably heavy crops of tender Peas of unusually fine flavor. This variety has been bred for its freezing qualities. It is one of the very best for this purpose. Pkg. 10c; 1/2 lb. 30c; lb. 55c; 5 lbs. \$2.35

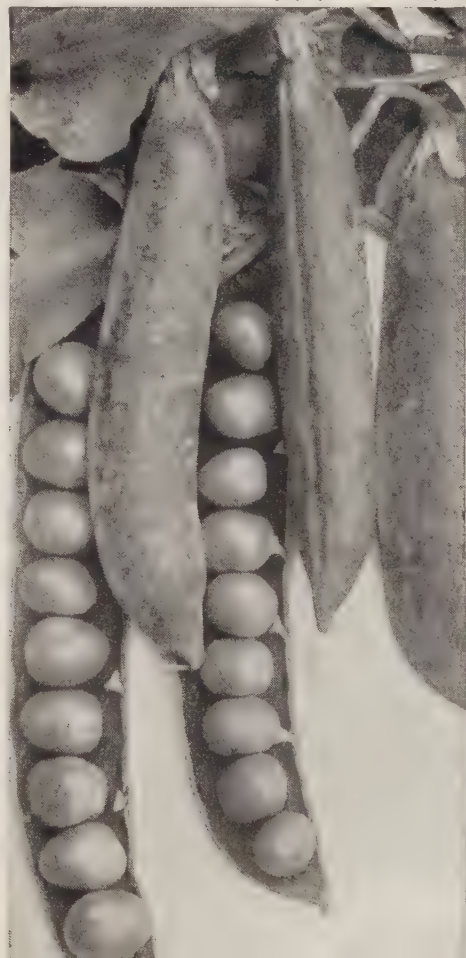
EDIBLE-PODDED PEAS

MELTING SUGAR. The most popular kind. Vines grow 5 feet high and are very productive. Peas are fleshy, tender, broad and blunt-ended, sweet and delicious. Pick the pods when young and cook like snap Beans. Pkg. 15c; 1/2 lb. 30c; lb. 50c; 5 lbs. \$2.25

Plant your garden Peas early, just as soon as you can get into the ground. If very cold weather comes after they are in the ground, cover them with a mulch of straw or leaves to keep the ground from freezing.

Dust Garden Pea seed with Nitragin. It greatly increases the yield. A 15-cent package treats several pounds of seed.

Midseason Giant—a very popular variety



ALWAYS PLANT CERTIFIED SEED POTATOES

Always plant seed potatoes that have been certified, generally by a representative of the State Department of Agriculture, to be free from disease, that greatly reduces both the yield and quality of the Potatoes produced. The eyes in the Potato make the plant. Cut the tubers into pieces lengthwise of the Potato containing 1 to 2 eyes. Plant 15 inches apart in rows 32 inches apart, covering 3 inches deep. Nobby Potatoes result from continued growth of the vines under moist conditions late in the season. This is known as second growth. Peck will plant 150 feet of row; 15 bushels will plant an acre.

If you want us to send 15-lb. orders for potatoes to you postpaid, you must send us money to pay for the "postpaid to you" price, otherwise the potatoes will be sent to you by express.

IRISH COBBLER Most Popular Early Kind

Not a new variety but still a mighty good one. Potatoes are round, smooth, plump, have rather deep eyes. White flesh of excellent quality. Grows best on light soils and on muck.

Certified seed grown on Prince Edward Island in Canada. Soil and weather conditions are ideal there for seed growing and it will produce more vigorous and larger yielding plants than seed grown farther south.

15 lbs. \$1.25; postpaid to you for \$1.65.
Bushel of 60 lbs. \$4.00, not prepaid.
100-lb. sack \$5.75, not prepaid.

GREEN MOUNTAIN

Midseason—High Quality

Far superior to most other Potatoes for baking. For those gardeners who want mealy Potatoes, Green Mountain cannot be equaled. The rather uniformly large tubers are oblong in shape, slightly flattened and with shallow eyes. The skin is creamy white and slightly netted. **This is the quality Potato. Certified Seed.**

15 lbs. \$1.15; prepaid to you for \$1.60. Bushel of 60 lbs. \$3.85; 100-lb. sack, \$5.50, not prepaid.

BLISS TRIUMPH

Splendid Quality Pink Skin Kind

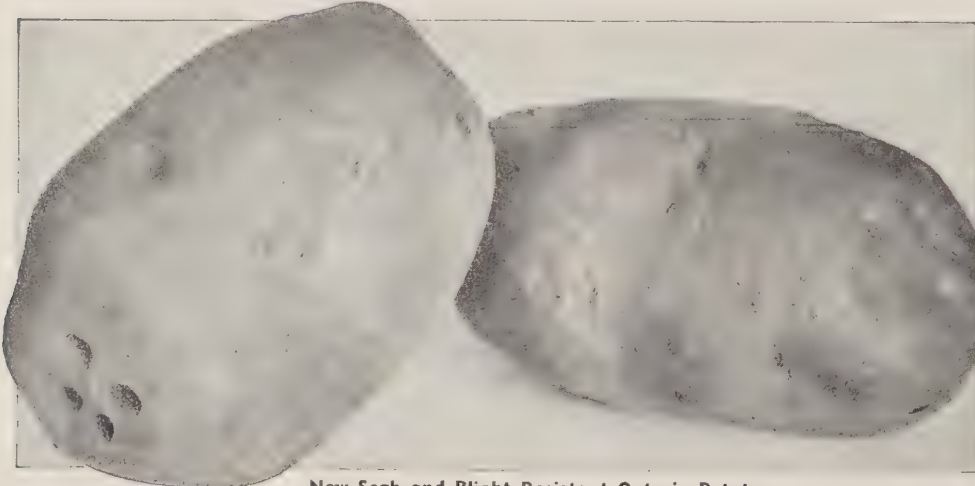
An early pink-skinned Potato of very excellent quality. Tubers are rather short and thick, and have very shallow eyes. A good home garden and early market kind. **Certified Seed.**

15 lbs. \$1.25; prepaid to you for \$1.65. Bushel of 60 lbs. \$4.35; 100-lb. sack \$6.25, not prepaid.

KATAHDIN Rapidly Growing In Popularity

A late variety that is successfully grown under unfavorable conditions and in a wide variety of soils. The vines are rather thrifty growers and produce glossy white, very shallow-eyed, rather thick tubers, uniformly of good size and of splendid quality. **Certified Seed.**

15 lbs. \$1.10; prepaid to you for \$1.50. Bu. of 60 lbs. \$3.75; 100-lb. sack \$5.25, not prepaid.



New Scab and Blight-Resistant Ontario Potato

ONTARIO New Scab and Blight-Resistant Late Potato

One of the very best of the new varieties introduced in recent years. It is not only resistant to scab but quite resistant to late blight and "Z" disease. Ontario is not partial as to where it is grown. It will bear good crops of very smooth, shallow eyed, elongated white tubers of splendid quality almost anywhere you plant it. We recommend it highly for a late crop and storage potato. New York State Certified, U. S. No. 1.

15 lbs. \$1.10; prepaid to you for \$1.50. Bushel of 60 lbs. \$3.75; 100-lb. sack, \$5.25, not prepaid.

Treat your Seed Potatoes with Semesan Bel before planting them. It controls scab, rhizoctonia and black-leg. Two ounces will take care of 7 bushels of seed; one pound 50 to 60 bushels. 2-oz. tin 50c; lb. \$2.00. See page 63.



Connecticut Field Pumpkin

Sweet Potatoes, Squash and Pumpkins must be cured by placing them in a temperature of 75 to 80 degrees for two weeks before putting them in storage.

PUMPKINS

One package of seed will sow 8 hills; one ounce 20 hills; 3 lbs. an acre.

Sugar or New England Pie. For making pies, this variety cannot be excelled. The Pumpkins are small, nearly round, yellow, and very smooth. Flesh light yellow, very thick and sweet, and finely flavored. A splendid kind to grow for market as it ripens early and bears heavily. Pkg. 10c; oz. 25c; 1/4 lb. 65c

Connecticut Field. Sometimes called "Big Tom." This is the very large kind that is used for feeding cattle. It's too coarse for pies but is canned commercially. Pkg. 10c; oz. 25c; 1/4 lb. 65c

Orange Winter Luxury. Vines productive of small, slightly oval Pumpkins, golden russet in color, with fine nettings. Flesh is golden yellow, very thick and of the finest quality. Grows about twice as large as the Sugar Pumpkin and keeps well in storage. Splendid for pies. Pkg. 10c; oz. 25c; 1/4 lb. 65c

When digging root crops: Carrots, Turnips, Beets, etc., cut off the green tops to within a half-inch of the root as soon as it is dug. This keeps them from wilting quickly and they keep in storage better.

Do not wash the vegetables you are going to store.



Sugar or Pie Pumpkin

TOBACCO

Connecticut Seed-Leaf. A hardy cigar variety well adapted to growing in the middle and northern states.

Pkg. 10c; oz. 50c

SWEET POTATO PLANTS

You can grow Sweet Potatoes very successfully right in your own vegetable garden. Sweet Potatoes are not so particular as to the soil you plant them in but they do their best in a light, well drained, sandy loam. Here in New York State, where we have a four months growing season, we grow very good Sweet Potatoes.

We offer you well grown plants, that will be ready about May 1st, of these two good varieties.

Nancy Hall. Most popular yellow flesh variety.

Porto Rico. Orange-fleshed Yam.

25 plants for 75c; 50 for \$1.25; 100 for \$2.25; 1000 for \$9.00, prepaid to you by mail or express

Complete directions for planting and care sent with every order.



RADISHES

One package of seed will sow 20 feet of row; 1 ounce 75 feet.

This is another vegetable that loses about half its flavor if not eaten within a very short time after it is taken from the ground. Radishes will like flowers and many other vegetables and lose their fresh crispness and juicy delicate flavor. You cannot know how really good Radishes are if you haven't gone out in the garden in the early morning and pulled a few for your breakfast.

For forcing sow in hotbed or under glass in rich, sandy loam. Scatter 50 to 100 seeds to the foot, and cover with one-fourth inch of soil sifted on. Sow in garden as early as possible in rows about 1 foot apart, covering 1/2 inch deep, and thin to prevent crowding. A good dressing of nitrate of soda will greatly help their growth and make them tender and crisp. Successive sowings every week or ten days will keep your table well supplied the entire season.

Cavalier. A new brilliant scarlet, olive-shaped Radish, very uniform in size and shape, and growing more popular all the time. Quick growing and with short tops. Flesh solid, crisp, mild and pure white. The bulbs are olive in shape, very uniform and remain a long time before becoming pithy. Cavalier is a most reliable Radish for the back yard garden, for growing commercially on the muck lands and for greenhouse forcing. Repeated tests have proved that the strain of seed we are growing is at least equal to any in this country or in Europe. Pkg. 10c; oz. 25c; 1/4 lb. 70c

Cherry Belle. A new bright red, globe-shaped Radish with mild, crisp white flesh. Our trials in the greenhouse have shown it very satisfactory when forced. It has also done well out-of-doors in the gardens of several of our friends. It will not become pithy as soon as many other kinds. Pkg. 15c; oz. 30c; 1/4 lb. 85c

Comet. An early kind, ready in 25 days. Round, solid, bright scarlet. This crisp, white, mild and tender Radish is unsurpassed as a home garden kind. Vick's Scarlet Globe is the best olive-shaped variety; Comet the best round Radish. We had both Comet and Vick's Early Scarlet Globe in our garden last season and both lived up to the splendid reputation they have as tops in the garden varieties. Pkg. 10c; oz. 25c; 1/4 lb. 70c

Crimson Giant. Ready to eat in four or five weeks after sowing the seed. It is the best of the larger bright red Radishes, with white, crisp, tender flesh. Pkg. 10c; oz. 25c; 1/4 lb. 70c

Icicle. (Short-Top Strain.) A very attractive pure white Radish, the earliest of the long, white summer sorts, distinct in flavor, very mild and extremely tender. One of the most desirable varieties for outdoor summer planting for the home garden and market. Pkg. 10c; oz. 25c; 1/4 lb. 70c

Long Brightest Scarlet White-Tipped. One of the brightest and handsomest scarlet Radishes. The roots are fit for use in about 25 days and continue in good condition until fully grown. The roots are usually 5 inches long and an inch through at the shoulder. The body is very bright scarlet in color blending toward the tip to pure white. Pkg. 10c; oz. 30c; 1/4 lb. 85c

Sparkler. A quick growing variety of deep scarlet color, with a distinct white tip that makes it very attractive. The flesh of this Radish is pure white, crisp, tender and delicious. Pkg. 10c; oz. 25c; 1/4 lb. 70c

Vick's Early Scarlet Globe. Our strain of this Radish for the home and market garden is very fine. It is a strain we can recommend to both market and home garden growers, for it runs very uniform. Vick's Scarlet Globe is the best all-around Radish on the market. Tops are medium long and very strong. Bulbs of our strain are uniformly true Olive-shaped, rich scarlet; flesh pure white, crisp, tender, juicy, mild. Pkg. 10c; oz. 25c; 1/4 lb. 70c

Vick's Early Scarlet Globe. Short Top Forcing Strain. A very popular Radish with commercial growers who force Radishes in their greenhouses. Oz. 30c; 1/4 lb. 85c

Rhubarb Seed

Sow the seed in rows 1 foot apart and the following season transplant the strongest plants to stand 3 feet apart. A package of seed will grow about 75 plants.

Myatt's Linnaeus. A splendid early variety. The stalks are large, very thick, of rich color and tender quality. Pkg. 15c; oz. 40c; 1/4 lb. \$1.25

The New Valentine Red Rhubarb. Page 25.

SALSIFY - Vegetable Oyster

One of the most desirable winter vegetables. The roots, when cooked, have a flavor similar to oysters, are very palatable and nutritious, and are served in a variety of ways. Salsify succeeds best in a light, well-enriched soil. Sow early and quite deep, giving the general culture recommended for Parsnips. While the roots are hardy and may remain out-of-doors all winter, they are more accessible when dug in the fall and stored in moist sand in a cool cellar or in a root house.

A package of seed sows a 20-foot row; 1 ounce 75 feet.

Mammoth Sandwich Island. This variety is large and strong growing, with long, smooth, white, tapering roots, and is less liable to branch than the other sorts. The tops are grassy. It is valuable for market gardeners' use. Pkg. 15c; 1/2 oz. 30c; oz. 55c; 1/4 lb. \$1.85

JAMES VICK SAID IN HIS SEED CATALOG IN 1861

"Salsify is delicious cut into small pieces and made into soup; tastes like oysters. It is also par-boiled, grated fine, made into small balls, dipped into batter and fried; also cooked whole as Parsnips."



Icicle is the Most Popular Long White Radish



Salsify



Cherry Belle is a New Kind from Holland

Long Season Radish Mixture. A mixture of many kinds described here. Early, midseason and late maturing varieties. Pull them as they get ready to eat. 1/2-oz. pkg. 20c

FALL and WINTER RADISHES

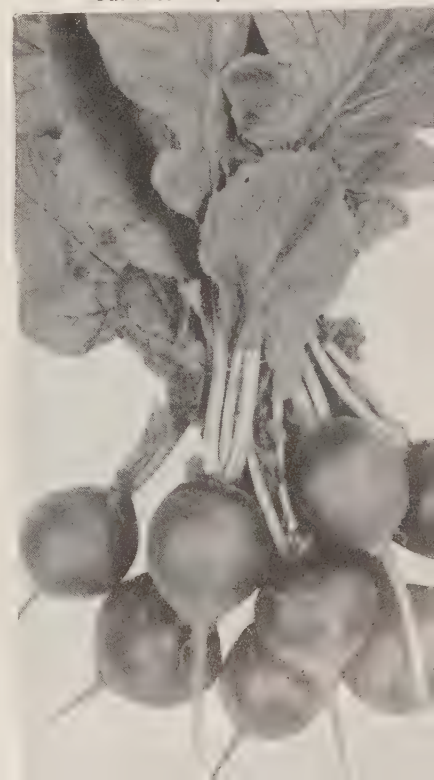
These Radishes are not intended to be eaten like the spring sorts but should be sliced, salted down 15 minutes, drained, and then served without further dressing, when they are as tender as you could wish any Radish to be. Sow in May and then every 2 weeks. The October crop should be stored in sand for use in winter.

California Mammoth White. Extra large, long roots; clear white flesh of excellent quality. Most mild of the winter kinds. Ready in 60 days. Pkg. 10c; oz. 30c; 1/4 lb. 85c

Chinese Rose. 55 days. Oval-shaped, 5 to 6 inches long, 2 1/2 inches thick. Skin red; flesh white; good keeper. Pkg. 10c; oz. 30c; 1/4 lb. 85c

Round Black Spanish. Good specimens are almost round and measure 3 to 4 inches through. Skin black; flesh white, solid and of fine flavor. Pkg. 15c; oz. 30c; 1/4 lb. 85c

Vick's Early Scarlet Globe
Our Most Popular Red Radish



SPINACH

No plant makes more palatable and nutritious greens than Spinach. For spring and summer use, sow the seed in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and make successive sowings every 2 weeks up to May 15th. Thin the plants to stand 6 inches apart in the row. For fall use sow the seed in early August; for spring use sow about September 1st. Keep Spinach well cultivated and water liberally during dry weather.

One package of seed will sow 25 feet of row; 1 ounce 75 feet.



Special Summer Savoy Spinach

Special Summer Savoy

A Very Good Kind for Home Freezing

Large, thick, crumpled, dark green leaves held well off the ground by strong growing plants that stand longer before going to seed than other kinds. A mighty good Spinach for the home garden for it can be cut for the table for a very long time. Especially good when sown in the spring. Ready in 40 days.

Pkg. 10c; oz. 15c; 1/4 lb. 35c

***Blight-Resistant Savoy.** 42 days. Plant this variety in the fall. We do not recommend it for spring as it goes to seed more quickly than most kinds during hot weather. This strain we offer here is almost as curled as Long Standing Bloomsdale. The savoyed and crumpled large dark green leaves of upright growth make it a splendid variety for both home and market.

Pkg. 10c; oz. 15c; 1/4 lb. 35c

Old Dominion. Blight-Resistant. A typical "long-standing" Spinach with large, dark green, thick, crumpled leaves. Seed may be sown in the spring for summer cutting, or in the late fall for an early spring crop. The fact that it is of fine quality and long standing make it extremely desirable for commercial growers and for home gardeners. Ready in 40 days.

Pkg. 10c; oz. 15c; 1/4 lb. 35c

***Long-Standing Bloomsdale Savoy.** A very early variety, and one of the best and most popular to plant in the home garden and for market. It is an upright grower with thick, glossy, dark green leaves, broad and crumpled, like Savoy Cabbage. Very hardy, rapid grower, standing longer before going to seed than many other kinds. Ready in 48 days.

Pkg. 10c; oz. 15c; 1/4 lb. 35c

Viking. 45 days. Large, slightly crumpled, round, heavy dark green leaves that grow very rapidly and make exceptionally large plants very early in the season. A long-standing kind that does not bolt to seed quickly and produces Spinach of very excellent quality for a long time. This is a mighty good Spinach for the home garden as well as the commercial grower.

Pkg. 10c; oz. 15c; 1/4 lb. 35c

Did any of our readers ever hear of "Strawberry Spinach" (*Blitum capitatum*)? Vick's Magazine of August, 1887, describes it in a letter from a Dr. T. H. Hoskins of Newport, Vt., as "singularly beautiful Strawberry-like fruits borne abundantly on plants with blistered foliage, regarded as a very early and excellent sort of 'greens'." One of the few spots where it was known to thrive was Indian Point, Lake Memphremagog, in New England.

NEW ZEALAND SPINACH

The Cut-and-Come-Again Spinach That Yields Continuously All Season Long

Unlike the true Spinach, it thrives during hot weather and in any soil, rich or poor. The tender shoots are of splendid quality, and may be cut throughout the entire summer. If you have never grown this great green, it will pay you to try it this season. Gardeners all over the country are loud in their praise of it. Both the rich green, fleshy leaves and the stems are of the finest quality when cooked. Plant three or four seeds in hills 2 feet apart each way. Germination of the seed can be hastened by soaking in warm water 24 hours. Ready in 70 days.

Pkg. 15c; oz. 35c

HOW TO GROW WINTER SQUASH

Sow the seed when the ground is warm and danger of frost has passed. Plant in groups that are 6 feet apart, the seeds planted 3 inches apart, 6 to the group, and 1 inch deep. Thin to 4 strong plants. Spray and dust to prevent injury from fungous disease and from insects. Seed of these winter kinds should be sown 10 days later than the summer varieties. A package of seed will make 5 hills, an ounce 15 hills.



VIKING—Here is a splendid Spinach for your garden, early, large, easily cleaned leaves, tender and of very high quality.

Dust Spinach seed, before you plant it, with Arasan. It protects the seed against many organisms which cause rot, reduces damping off, and increases germination.

3/4 oz. 25c. Will treat several pounds of seed.

SWISS CHARD

Sow the seed when the ground is warm, in rows 18 inches apart, cover with 1/2 inch of soil. Thin to stand 10 inches apart in the row. Seed planted early in spring will produce plants from which cuttings may be made all summer. Just break off the leaves and stems as they get large enough to use and new ones will start up and make very rapid growth. A short row of Swiss Chard is generally all that the average family needs to supply its wants.

A package of seed will make a 15-foot row; 1 ounce 50 feet.

*** Fordhook Giant.** Large, crumpled, thick, fleshy leaves, 10 in. wide and 24 in. long. The quality of both leaf and wide white midrib is excellent.

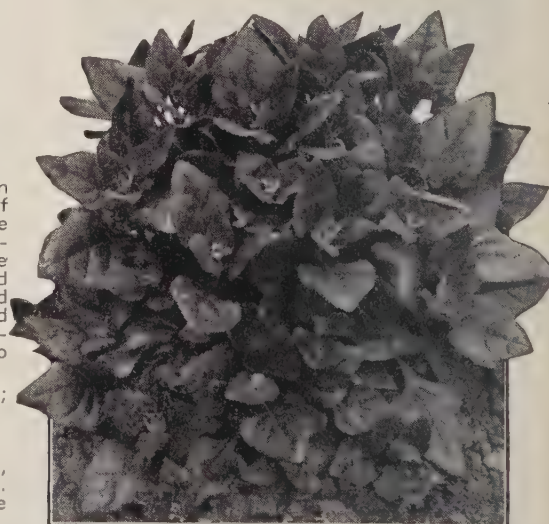
Pkg. 10c; oz. 30c; 1/4 lb. 75c

*** Giant Lucullus.** One of the older varieties which still holds its popularity. The plants are vigorous, producing great quantities of large, light green, curled leaves, with a little narrow midrib.

Pkg. 10c; oz. 30c; 1/4 lb. 75c



Fordhook
Giant
Swiss
Chard



New Zealand Spinach Will Give an Abundance of "Greens" from Early Summer Until Frost

SORREL

Narrow Leaf. 60 days. Long, narrow, pale green leaves that are eaten boiled and served like Spinach, in soups and salads. Ready to cut two months after planting. It is hardy but should be divided every four years.

Pkg. 15c; 1/2 oz. 40c; oz. 70c; 1/4 lb. \$1.85

Sparkle is an unusually good Strawberry. It's pictured and described on page 57.

WINTER SQUASH

Cultural directions on opposite page.

Blue Hubbard. Most Popular on the Market. Here is a Hubbard Squash of gray-blue color whose meat is thicker, of better quality, and keeps longer than the original Hubbard. It will pay you to try it in your garden. Pkg. 10c; oz. 35c; ¼ lb. \$1.00

★**Buttercup.** Productive—High Quality. No doubt one of the highest quality, most deliciously flavored winter Squashes. Medium small, averaging 3 to 5 pounds. Dark green with prominent "button." Flesh yellow, exceptionally thick, dry, sweet and never stringy. Don't fail to try this new Squash. It's a great favorite whenever tests are made for quality. Pkg. 15c; oz. 45c; ¼ lb. \$1.35

Butternut. A splendid new winter Squash, whose medium size fruits are of a yellowish brown color and bottle-shaped. Outer shell is smooth and hard. Flesh is clear yellow, fine textured, dry, sweet, and of very excellent flavor. An unusually large proportion of this Squash is edible as the seed cavity is so small. Gardeners tell us that the vines are very seldom bothered by the Squash borer. Pkg. 15c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.85

Delicious. The meat is so dry and fine grained that it greatly resembles that of a good Sweet Potato. Delicious does not grow as large as Hubbard, usually weighing from 5 to 10 lbs., but is very heavy, as the orange colored flesh is so thick that there is but very little seed cavity in the center. A splendid winter keeper and one you should grow in the garden. Pkg. 10c; oz. 35c; ¼ lb. \$1.00

★**Golden Delicious.** The fruit is of medium size, weighing from 5 to 10 pounds, skin orange-yellow; the flesh thick, fine grained, dry, and of fairly good quality. Plant is strong growing and a most prolific bearer. Pkg. 10c; oz. 35c; ¼ lb. \$1.00

Golden or Red Hubbard. Medium size, weighing from 6 to 8 pounds; in shape like the Hubbard. Long keepers and can be held in good condition for spring use. The flesh is deep orange-red, dry, fine grained and richly flavored. Pkg. 10c; oz. 35c; ¼ lb. \$1.00

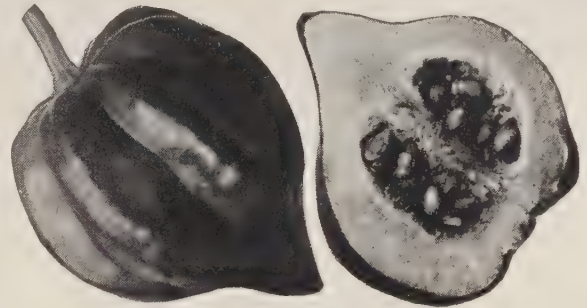


Butternut—a splendid long-keeping Winter Squash for your garden

★**Hubbard.** Very productive. The fruits are large, heavy and moderately warted, with a very hard shell; skin dark bronze-green; flesh bright orange-yellow, fine grained, thick, dry and richly flavored. Can be kept in good condition until spring. Pkg. 10c; oz. 35c; ¼ lb. \$1.00.



Buttercup is a long-keeping Squash of top quality



Mammoth Table Queen

Royal Acorn (Mammoth Table Queen). 25% larger than the older variety. People who have tried this Squash claim its quality superior to that of any other. It is about the size of a cocoanut, 7½ inches long and 6 inches through, thin-skinned with thick meat, dry and mealy. To cook, cut in half, place a lump of butter on one half, top with the other, and then bake whole. Half a Squash serves one person. An enormous yield—a few hills will supply a good sized family. Best when allowed to mature, when the shell is hard. Keeps well all winter.

Pkg. 10c; oz. 35c; ¼ lb. \$1.00

Table Queen. (Des Moines, Queen Ann, Acorn.) The well known and very popular "individual" Squash shaped like an acorn. The fruit is about 5 inches long and 4 inches across, deeply ribbed with dark green skin and thick orange flesh that cooks deliciously dry and sweet, and is never stringy. Keeps well all winter.

Pkg. 10c; oz. 35c; ¼ lb. \$1.00

Ucon. Gold Medal 1950. Bush Type Table Queen. Don't have the sharp ridges of Acorn. Early, heavy bearer. Two purpose. The miniature fruits can be picked during early growing season and eaten boiled whole; fruits that set later leave on the vine until frost and use as winter Squash. Rich, meaty, delicious flavor. Keeps a long time. Pkg. 15c; ½ oz. 35c; oz. 65c

SUMMER SQUASH

Many of these varieties of Summer Squash may be planted with the hills rather close together, about 3 or 4 feet each way, as the plants do not make runners but are of bush form. Keep the fruit closely picked as it matures and it will bear all season long. A package of seed will make 12 hills, 6 seeds to the hill; one ounce 35 hills.

Caserta. Gold Medal Winner 1949, All-America Selections. The plant is bush type, no long runners, and you can have many plants in a small area. The fruits, often thirty to the plant, are cylindrical in shape, with very little taper. At their best eating stage when 6 to 7 inches long and 1 to 1½ inches through. At maturity they will get to be 15 to 18 inches long and 5 inches through. They are very uniform in size and shape, and of an attractive fresh green color. Caserta bears a crop earlier than other Summer Squashes and will produce heavily under many conditions.

Pkg 15c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.65

Cocozele. Italian Vegetable Marrow. The Long Type. Compact, bushy growing plants that take up little space in the garden. They bear fine crops of oblong, dark green fruits that are at their best when picked for the table when 5 inches long. Cut in small pieces and creamed, sliced and fried, or used as a salad, it is very delicious. Plant in hills in May and every 2 weeks until July. Ready in 65 days. Pkg. 10c; oz. 35c; ¼ lb. 85c

Early Prolific Straightneck. 50 days. Bush type plants that don't spread; excellent for the home garden. The fruits are smooth, straight, of delicate creamy color when only 4 to 5 inches long, and until they are 12 to 14 inches long. Early, have crops of very high quality. Pkg. 10c; oz. 30c; ¼ lb. 75c

Mammoth Summer Crookneck. 50 days. The largest and one of the earliest of the crookneck summer Squashes. Vines are of bush habit, larger and more vigorous than Summer Crookneck. When mature, the fruits are often 1½ to 2 feet long, with exceedingly warted surface. Pkg. 10c; oz. 30c; ¼ lb. 75c

Yankee Hybrid Squash. All-America Winner, 1941. 45 days. This new Squash showed up particularly well in our trials again last summer. It was the earliest kind and certainly a heavy bearer. The fruits are straight, light yellow in color, of splendid appearance and very high quality. A good kind for either the home garden or for market. Pkg. 15c; ½ oz. 35c; oz. 65c; ¼ lb. \$1.75

Italian Climbing. Lagenaria leucantha. Grows 3 to 5 ft. long, diameter 3 in. Attractive light green. Most popular ways to prepare. Cut in small pieces and creamed and sliced thin and fried like Eggplant, also candied like Citron and Watermelon.

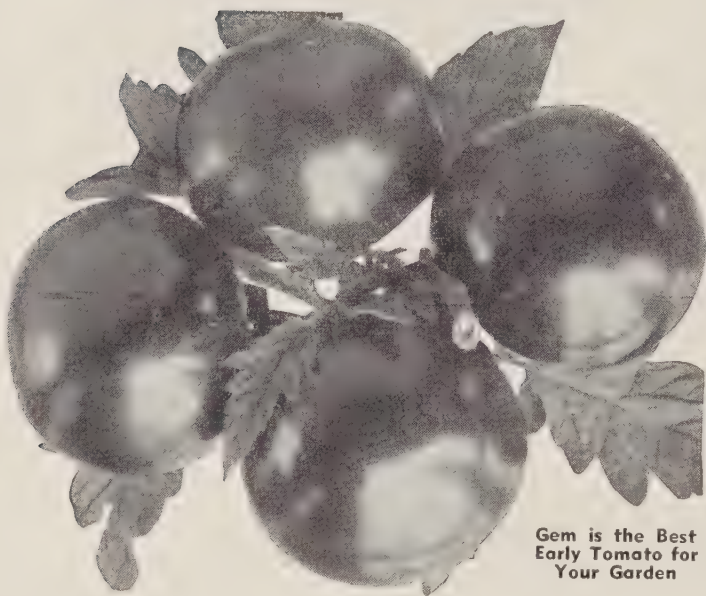
Pkg. 15c; ½ oz. 35c; oz. 65c



Early Prolific Straightneck—an excellent Summer Squash for Your Garden



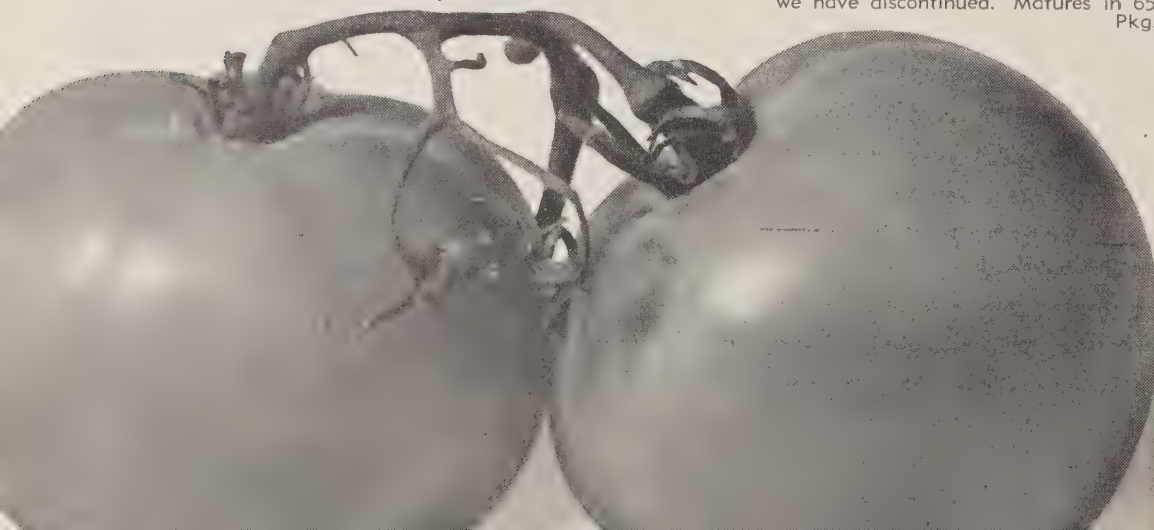
Longred—A Splendid New Main Crop Tomato



Gem is the Best Early Tomato for Your Garden

For more and earlier Tomatoes, spray the first blossoms to come on your Tomato plants with **FRUITONE**.
A 25c package sprays 50 plants

Rutgers is a Popular Home Garden Main-Crop Tomato



Hart & Vick's TOMATOES

The number of days to maturity we give are days from setting of the plants.

Sow seed in hotbeds or in boxes in a warm room; transplant when about 2 inches high into flats or single pots and place in cold frames. Transplant to the open ground about the middle of May to June 15th, setting the plants about 4 feet apart each way. Where the summers are fairly long, seed may be sown outdoors when weather gets warm. Many gardeners say they obtain better results this way. Hotkaps set over the seed and young plants makes them bear earlier and better fruit. To secure best results in earliness, amount, and perfection, train and tie two or three of the strongest branches to long stakes; pinch off weaker ones. **One package of seed will produce 200 plants; 1 ounce about 2000 plants.**

Comet. Best for tying up on stakes and for greenhouse culture. This medium sized bright red, very smooth Tomato is rapidly growing in popularity both for home garden growing and for special market trade. In the commercial Tomato growing sections near here it is almost universally used when the plants are trained or fastened to stakes. Pkg. 25c; 1/4 oz. 85c

Gem. New, Early, Heavy Bearing. This is one of the "Geneva Tomatoes" developed by Prof. W. T. Tapley of the New York State Experiment Station. The fruit is round, medium to large in size, smooth and colors up to a uniformly good, clear bright red. It's heavy, with thick walls and solid center. The quality is very good. The plant is small and compact in growth with a maximum spread of 2 1/2 to 3 1/2 feet, that permits close planting. Gem is heavy bearing and the fruit easily picked. A splendid early Tomato for the table and for canning. Gem does particularly well when heavily fertilized. **Certified Seed:** Pkg. 15c; 1/4 oz. 35c; 1/2 oz. 60c; oz. \$1.00

John Baer. Very reliable old favorite. An early scarlet-fruited variety. Fruits large, attractive in color, are nearly round, smooth, firm and of excellent quality. Vines hardy and productive. We recommend the seed of our special strain to home and market gardeners. **Matures in 70 days.** Pkg. 15c; 1/2 oz. 50c; oz. 90c

Jubilee. Bronze Medal Winner, All-America, 1943. By far the best yellow Tomato ever introduced. Large, smooth, globe-shaped, yellow-skinned fruit with thick, rich tangerine-orange colored solid flesh and attractive juice. Strong, healthy vines, very heavy bearing. A good Tomato for the home and market garden. **72 days.** Pkg. 15c; 1/4 oz. 35c; 1/2 oz. 65c; oz. \$1.15

Longred. New and Already Very Popular Midseason, Main Crop Variety. A large, round, bright red Tomato called Longred for its unusually long bearing season and its clear bright red color. Longred will give you Tomatoes, and a lot of them, from early midseason until the vines freeze in the fall. The fruit is solid and heavy, with thick inner and outer walls. Longred has excellent quality and we recommend it to you both for eating from the plant and for canning. It is a very outstanding variety. Developed by Prof. W. T. Tapley of the New York State Experiment Station at Geneva, N. Y.

Certified Seed: Pkg. 15c; 1/4 oz. 35c; 1/2 oz. 60c; oz. \$1.00

Pritchard or Scarlet Topper. Good sized, globe-shaped, scarlet fruits, smooth, solid, and very heavy. An extremely productive kind admirably suited to both the home and market garden. Particularly popular just east of this city. **75 days.** Pkg. 15c; 1/4 oz. 30c; 1/2 oz. 50c; oz. 90c

Red Jacket. New, Heavy Yields. Ready to pick at about the same time as that old well known favorite, John Baer. Fruit is large, slightly flattened and very heavy and meaty. Of splendid quality, tops for canning but some fruits show a little roughness. The potato-leaved vine is very vigorous growing and certainly does produce tremendous crops of beautifully colored fruit. **Certified seed:** Pkg. 15c; 1/4 oz. 35c; 1/2 oz. 60c; oz. \$1.00

Rutgers. Certified Seed. Early Strain. Ripens from the inside, outwards. This means that fruit with slightly colored skin has flesh red ripe inside. This is a splendid wilt-resistant variety. Fruits are very solid, averaging about 6 ounces each. Skin smooth and fruits ripen evenly to the bloom end. Color is brilliant red. A good kind for canning and juice. **80 days.** Pkg. 15c; 1/4 oz. 30c; 1/2 oz. 50c; oz. 90c

Stokesdale. Certified Seed. Heavy bearer, medium early. Maturing in 70 days. Deep globe-shaped fruit of medium size; very solid, fine quality and a very heavy bearer. Colors all over a deep red. Medium early, good quality and heavy yield. A splendid kind to can. Pkg. 15c; 1/4 oz. 30c; 1/2 oz. 50c; oz. 90c

Valiant. Certified Seed. A new early scarlet Tomato that is much smoother than Earliana, ripens over a long period of time and is a heavy producer of good quality fruits that average about 7 ounces each. The vine spreading and vigorous, and does well in the North. Much better than Earliana which we have discontinued. **Matures in 65 days.** Pkg. 15c; 1/4 oz. 30c; 1/2 oz. 55c; oz. 95c

Victor. Certified Seed. All-America Bronze Medal Winner, 1941. A very early ripening kind with globe-shaped, deep scarlet, solid-fleshed fruits of good flavor. Vines are short branching and may be set fairly close together. **Matures in 66 days.** Pkg. 15c; 1/4 oz. 30c; 1/2 oz. 55c; oz. 95c

Small Fruited Kinds

Splendid for preserves and pickles.

Red Plum Yellow Plum
Red Cherry Yellow Cherry
Red Pear Yellow Pear
Mixture of All the Above
Kinds

Price of above kinds: Pkg. 15c;
1/4 oz. 35c; oz. \$1.00.

HART & VICK'S TURNIPS

Sow the seed of White Milan and the Foliage Turnip early in the spring and for succession make three sowings at two-week intervals. For fall and winter crops you can sow any variety in late July or early August. Sow the seed in rows 18 to 24 inches apart, cover with $\frac{1}{2}$ inch of soil, thin to stand 6 inches apart in the row. Store in a cool cellar or pit.

A package of seed will sow about 65 feet of row; an ounce 300 feet.

Golden Ball or Orange Jelly. The finest creamy yellow fleshed variety for family use. The bulb is almost round, of medium size, very smooth and free from side roots. The skin pale yellow, flesh very fine in texture and of superlative quality and flavor. Ready to eat in 60 days.

Pkg. 10c; oz. 20c; $\frac{1}{4}$ lb. 65c

Purple-Top White Globe. The most popular of the Turnips. The bulbs are nearly round, 5 to 6 inches across, creamy white with a purple-red collar. The flesh is firm, crisp and mild in flavor. Best when the bulbs are about 3 inches in diameter. The best market variety. Ready in 55 days.

Pkg. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c

Foliage Turnip (Shogoin). Grown mostly for its tops which are twice as abundant as the ordinary Turnip, and are used as "greens." They are very tender, mild and delicately flavored. The bulbs are pure white, thick, flattened globe shape and of good quality. Tops and roots may be cooked together if desired.

Pkg. 10c; oz. 20c; $\frac{1}{4}$ lb. 65c



Purple-Top White Globe Turnip

RUTABAGA or SWEDE TURNIPS

Swede Turnip or Rutabagas take longer to mature than Turnips and the seed should be sown the latter part of June in this part of the country. Plant the rows 2 to 2 $\frac{1}{2}$ feet apart, sow seed thinly, cover with $\frac{1}{2}$ inch of soil and thin to 8 inches apart in the row. Dust when plants are young with DDT. Store in a cool cellar or in pits. **One package of seed will make a row 85 feet long.**

Improved Long Island. Large, smooth, globe-shaped roots, bright yellow in color with rich purple collars and practically no "necks." Flesh fine grained, orange-yellow, sweet and finely flavored. Productive and will keep in splendid condition until spring. The leading kind for table use and for stock feeding.

Pkg. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c

Laurentian. Much preferred in Canada where they use a lot of Rutabagas. Very large globe-shaped bulbs, yellow with purple collar, small tops, neckless. Flesh creamy yellow, mild and sweet. A splendid long-keeping kind. Matures in 100 days.

Sorry Crop Failure

Roots and Plants of Popular Vegetables

SENECA WASHINGTON ASPARAGUS ROOTS

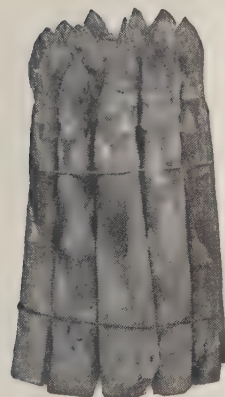
One-year-old, Freshly Dug, Expertly Grown and Carefully Graded. These are the kind we recommend for best results in your garden. The most popular rust-resistant Asparagus developed by the U. S. Dept. of Agriculture. Rapid growing and produces heavy, thick, deep green stalks with long purple tops that are tender and of the highest quality.

12 for 95c; 25 for \$1.65; 50 for \$2.75; 100 for \$4.65, postpaid to you.

250 for \$7.50; 1000 for \$28.00, not prepaid.

HORSERADISH ROOTS

Maliner Kren. The true Bohemian Horseradish. Large white roots and very strong growing plants. We offer freshly dug sets or roots of the right size for planting. 6 roots for 50c; 12 for 90c; 50 for \$3.50, postpaid to you.



Asparagus



Horseradish

HART & VICK'S ONION SETS

The quick way to grow "Green Spring Onions" is from these sets. Get them into the ground early.

White Silverskin Sets. Pure white, long, slender, very mild and tender green Onions. Left in the ground they make excellent pickling Onions.

Yellow Ebenezer Sets. May be pulled early in the spring as "green Onions" or left in the ground to make large, flat, white-fleshed, mild-flavored Onions for fall and winter use. Good keepers.

Prices: Lb. 45c; 2 lbs. 80c; 5 lbs. \$1.75; 10 lbs. \$3.25, postpaid.

GARLIC BULBS

Used for flavoring soups, stews, meats and salads. Easy to grow; just separate the sets into cloves and plant these cloves 6 inches apart in rows 2 feet apart. Cover with 1 inch of soil. When the tops are down take up the bulbs and dry in a shady place for winter use. Bulbs are $\frac{1}{4}$ lb. 30c; $\frac{1}{2}$ lb. 45c; lb. 75c, postpaid to you.



VALENTINE RHUBARB

A New All-Red Kind from Canada

Newest and best of the Red Rhubarbs. Originated at the Horticultural Station at Vineland, Ontario, Canada. Combines rich flavor, high quality and vigorous growth. Sweetest of the Rhubarbs, requires the least sugar. The Dominion Station at Morden, Manitoba, in testing 25 leading kinds, reports: "Valentine sauce was rated highest. Color was an even bright red; texture, smooth and tender. Flavor was pleasing with a slightly tart after taste. All testers accorded Valentine the highest standard." For home use, in pies and for sauce Valentine leads them all. Strong divisions, 65c each; \$1.75 for 3; \$6.25 for 12, prepaid. \$10.25 for 25; \$42.50 for 100, not prepaid.



SWEET SPANISH ONION PLANTS

The smart way to grow those great big, mild and sweet Onions, they are so good to eat raw, is to set out Onion plants. We offer them in bundles of about 100 plants. 1 bundle 50c; 2 for 90c; 5 for \$1.75; 10 for \$3.00, prepaid to you. See page 17. Please remember we do not guarantee the number of plants per bundle. We sell by bundle only.

SWEET POTATO PLANTS

Sweet Potatoes are easily grown as far north as this city, where we have about 4 months growing season.

About May 1st plants of these 2 kinds will be ready to send to you.

Nancy Hall. Yellow meat.

Porto Rico. Orange flesh.

25 plants 75c; 50 for \$1.25; 100 for \$2.25; 1000 for \$9.00, prepaid to you.

Planting directions sent with each order.



Onion Sets



Blue Ball is the Very Best Ageratum for Low Borders

FLOWER SEEDS

The Same Dependable Seeds of Annuals and Perennials that We Sell to the Florist

Our list of Flower Seeds does not cover every variety, but it does describe the best kinds for garden planting. We believe that a carefully selected list like this is what the amateur gardener wants. Our seed is the best that can be grown, carefully tested for quality, and with ordinary care will give splendid results. It is of the same high quality we sell the particular florists for greenhouse and outside planting.

Annuals are those that you must plant each season. **Perennials** are hardy, last for years, and generally bloom the next year after sowing the seed.

In this catalog Perennial and Biennial varieties are designated by **CAPITAL** letters.

Our regular packages of flower seeds are liberally designed to fill the needs of the average sized garden. This year again we offer in many varieties of flower seeds a "Large Package" which contains considerably more seed than the regular package, and has been planned for the larger suburban and estate gardens.

FLOWER SEEDS ARE SENT POSTPAID

Achillea - Milfoil; Yarrow

PTARMICA, THE PEARL. Clusters of small, double, white, Pompon Chrysanthemum-like flowers. From June to September. Fine for cutting. Height 2 feet. Hardy, lasts for years. Pkg. 20c

Ageratum - Floss Flower

Tassel-like clustered flowers that bloom in profusion through summer and fall. Gay and bushy, the rain does not spoil the flowers nor the sun fade their color. Easily grown from seed, either started in a window box or hotbed and transplanted outside in May or the seed sown outdoors in May.

Blue Ball. Neat, compact, round-headed plants about 6 inches high, literally covered with large, flossy, deep ageratum-blue flowers.

Pkg. 15c; large pkg. 65c

Blue Perfection. Plants almost uniform in height; flowers deep amethyst-blue. Fine for cutting. 8 inches tall. Pkg. 15c; large pkg. 65c

Alyssum - Sweet Alyssum

These annuals are fine for beds, vases, rock-work, or edgings. They bloom profusely all summer. A package of seed will make a border 15 feet long and 1 foot wide.

Carpet of Snow. Annual. We have a particularly fine strain of this variety. Flowers pure white, very large, on plants growing about 4 inches tall.

Pkg. 15c; 1/4 oz. 45c; oz. \$1.25

Little Gem. Dwarf, compact plants, not over 6 inches high, covered with fragrant, white flowers the entire summer.

Pkg. 15c; 1/4 oz. 35c; oz. \$1.10

Sweet. The popular, old-fashioned sort. Pure white. Blooms from early summer to frost. Height 8 inches. Often mixed with Violet Queen with splendid success. Pkg. 15c; 1/4 oz. 25c; oz. 75c

Violet Queen. Violet Queen Alyssum used as a border to Snowstorm Petunia makes one of the prettiest plant combinations possible. Violet Queen Alyssum has made hosts of friends among gardeners. Some have used it for bordering flowers of contrasting color; others have mixed it with Annual White Gypsophila or with White Flowering Sweet Alyssum and used the combinations to make attractive beds and corner pieces. It is most satisfactory wherever you grow it.

Pkg. 15c; 1/8 oz. 35c; 1/4 oz. 65c

SAXATILE COMPACTUM (Basket of Gold). Hardy perennial; bright yellow, showy flowers in May and June. Splendid rock and border plant. Height 12 inches. Pkg. 15c; large pkg. 45c

Acroclinium

Giant Mixture. Large double, daisy-like flowers in white, rose, flesh and buff in mixture; bright yellow centers. Splendid to dry for winter bouquets. 15 inches high. Pkg. 15c; 1/4 oz. 55c

Anchusa - Alkanet

Blue Bird. An annual, dwarf, compact variety, that bears profusely vivid indigo-blue flowers all summer long. A splendid plant for the border or for the rock garden. Blooms April and May. Height 18 inches. Pkg. 15c; 2 pkgs. 25c

ITALICA, LISSADEL. This splendid perennial is becoming more popular each season as it bears a profusion of rich blue flowers in May and June, a time when blue varieties are scarce in the garden. Height about 5 feet. Pkg. 15c; 1/4 oz. 45c

MYOSOTIDIFLORA. A distinct dwarf hardy perennial species, grows 10 to 12 inches high, producing, during April and May, sprays of beautiful "Forget-me-not-like" flowers of a rich blue. An excellent plant for the garden.

Pkg. 25c; large pkg. 75c

Anagallis

Grandiflora, Mixed. The lovely, brilliant flowers, in charming shades of blue, lilac, scarlet, and crimson, cover the 6-inch plants from July until frost. A splendid border and rockery plant.

Pkg. 15c; 1/4 oz. 45c; 1/2 oz. 75c

Amaranthus

Molten Fire. A recently introduced variety that is extremely showy. The foliage is bronze, or reddish bronze, with fiery scarlet tip. Blooms mid-summer to frost. 4 to 5 feet high.

Pkg. 15c; large pkg. 50c

Arabis - Rock Cress

ALPINA. This splendid little perennial plant is covered with pure white flowers as soon as the snow disappears in the spring. Unequalled for rockeries and edging. Height 6 inches.

Pkg. 20c; large pkg. 45c

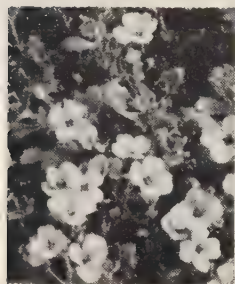
Arctotis

Giant Hybrids. Extremely large flowers, 2 1/2 to 3 inches across, in white, red, mauve, brown, russet, apricot and yellow. Splendid for cutting. Grow 10 inches tall. Pkg. 20c

Armeria - Sea Pink

GIANT PINK. Rose and pink flowers all summer. Hardy and useful as a border plant. Grows 1 1/2 feet. Blooms May and June.

Pkg. 25c; large pkg. 75c



Aubrietia—A Hardy Spreading Plant



Armeria is Very Hardy and Blooms All Summer

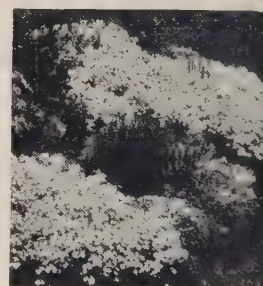
Carpet of Snow Alyssum



Violet Queen Alyssum



Giant Hybrid Arctotis Splendid for Cutting



Arabis Alpina Pure White Flowers Soon After Snow Goes



Achillea Ptarmica Blooms June to Sept.

Anchusa Italica, Lissadel—Blue Flowers in May and June



HART & VICK'S FAMOUS ASTERS



Princess Aster, Golden Sheaf



Super-Giant Aster, Los Angeles



The Very Lovely Aster, Ballet Queen

Plant your Asters in new rich soil and keep them well cultivated. Grow them in beds and borders to produce a mass effect and set them 1 foot apart each way; if you want extra-long stems for cutting, they should have 18 inches of room. Good seed produces the best flowers. Our seed is grown for us by men who have made a lifetime study of Aster-seed growing.

Super-Giants

Largest of All Asters

Giant flowers 6 inches across. Long, narrow, curled and twisted petals. Plants 2 ft. tall with 6 to 8 long-stemmed flowers in August.

El Monte. Deep glowing crimson.

Los Angeles. Pure shell-pink.

Pkg. 20c; large pkg. 35c.

Heart of France Asters

Wilt Resistant

The best pure red Aster ever introduced. Heart of France opens red as the purest ruby, deepens with age, and retains its remarkable beauty to the very end. The plant begins to bloom quite early in the season and opens fully with the midseason varieties. Pkg. 15c; 1/8 oz. 45c

Vick's Rochester Asters

Wilt Resistant

These are the giant Asters with long, narrow, twisted, curled and interlaced petals that somewhat resemble a Chrysanthemum. Many people call them Chrysanthemum Asters. The plants grow large and strong, and bear an abundance of bloom on long, strong stems that make them splendid cut flowers.

Bright Rose

Crimson

Purple

Lavender

Peach Blossom

Shell-Pink

Snow-White

Mixed Colors

Price, any of the above: Pkg. 15c; 1/8 oz. 50c.

Collection: One package each of the above—7 colors (7 pkgs.) for 85c, postpaid.

Branching Asters

Wilt Resistant

The large, deep, very double blossoms are borne on long stems, extremely valuable for cutting. The plants frequently cover a space of 3 feet, and should be allowed ample room to develop to full size. Seed sown in pots or boxes in March or April and transplanted to outdoor beds in May or June will provide bloom in August and September.

Crimson

Lavender

Peerless Pink

Rose

Shell-Pink

Snow-White

Purple

Mixed

Price, any of the above: Pkg. 15c; 1/8 oz. 50c; 1/4 oz. 90c.

Collection: One package each of the above—7 colors (7 pkgs.), for 85c, postpaid to you.

Princess Asters

Wilt Resistant

Princess Asters have a full crested center surrounded by several rows of strong guard petals. Plants grow 2 ft. tall, are very resistant to disease and bear quantities of lovely flowers in August and September.

Anne. Delicate pink.

Barbara. Orchid.

Golden Sheaf. The deepest yellow Aster yet offered.

Price, any of the above: Pkg. 25c; large pkg. 50c.

Mixture of Princess Asters. Pkg. 20c; large pkg. 45c.

Queen of the Market Asters

Wilt Resistant

Large, very double flowers 3 inches across and bloom very early on 18-inch plants.

Mixed Colors.

Pkg. 15c; large pkg. 40c

Ballet Queen. A fascinating new tint of deep salmon-rose. Flowers 3 1/2 inches across are generously borne on plants 15 to 20 inches high. Extremely wilt resistant, unsurpassed for cutting. A Queen of the Market kind and very early flowering. For August and September blossoms sow the seed.

Pkg. 15c; large pkg. 40c

Imbricated Pompon Asters

Rather small, very double flowers, center petals attractively quilled and surrounded by broad outer petals. Grow 15 inches high and are splendid for cutting or use in beds.

Mixed Colors.

Pkg. 20c

Giant Sunshine Asters

Wilt Resistant

Dainty and graceful flowers with disclike centers surrounded by long, narrow petals in many lovely colors. Mixed. Pkg. 15c; large pkg. 35c

Single Asters, Giants of California

These Single-Flowering Asters with their long, narrow petals, in their many splendid bright colors, offer a pleasing change from the more common double kinds. Very fine in the garden and for cut flowers. We offer them in a fine mixture of colors.

Pkg. 15c; 1/8 oz. 50c

Hart & Vick's Novelty Aster Mixture

This Special Aster Mixture contains seed of every kind and color of Aster we list in this book. Its purpose is to introduce to you the entire Aster family.

Pkg. 15c; 1/4 oz. 75c

FROM VICK'S FLORAL GUIDE, 1872

"The Aster is a universal favorite, and has steadily increased in popularity for half a century. The quality of the flower has also kept pace with its increasing popularity, until it has become almost as large as a Paeony and as perfectly double as the best Chrysanthemum or Dahlia. Perhaps I can safely say that for an autumn display it has no successful rival among the annuals. In England, Holland, and Germany, last season, I saw it in almost every cottage and palace garden, while it served to illumine the sad battlefields of France."

FOR OVER 50 YEARS THE NAME VICK HAS BEEN SYNONYMOUS WITH THE BEST ASTER SEED THAT IS GROWN

Antirrhinums - Snapdragons

These pretty, half-hardy perennials, that bloom from July until frost, belong to the aristocrats of the garden. Appearing as they do in the most pleasing shades, with the lovely flowers completely encircling the stout stems to fully 12 to 18 inches at the top, they are most useful for bedding or as cut flowers. Seed sown out-of-doors in early May will make plants that bloom from early in July until frost. For earlier flowering, start indoors in March and transplant outside when weather is favorable. Just barely cover the seed when sowing.

This list of ten varieties we have selected as the most desirable of the many varieties grown today. They are a new race of Giant Flowering Snapdragons, the largest flowering of any kind we know. A strain that will please the most critical gardeners looking for specially good things to grow.

ALL THESE KINDS ARE RUST-PROOF

Alaska. Pure white.

Cherry-Red. Brightest of the reds.

Copper Queen. Burnished copper.

Loveliness. Apple-blossom-pink.

Orange Shades. Orange and tangerine.

Padre. Dark velvety crimson.

Pinkie. Lovely rose-pink. Giant flowers.

Red Cross. Rich crimson, white tube.

Rosalie. Rich deep rose. Outstandina.

Yellow Jacket. Best soft yellow Snapdragon.

Any of the above: Pkg. 20c; large pkg. 40c.

Collection: One package of each of the above ten kinds for \$2.15.

Mixed Colors. We make this mixture by carefully blending all of the colors listed above. Pkg. 15c; large pkg. 35c

GIANT RUFFLED "TETRA-SNAPS." Superfine Mixed. Pictured in color on inside front cover. A new race of Snapdragons created scientifically by treating normal flowers with the drug Colchicine. Each plant produces several stems with larger flowers, thicker petals, attractively ruffled, fuller spikes with more florets open at one time, heavier stems and sturdier plants.

Mixed Colors Only.

Pkg. 25c; large pkg. 50c

AQUILEGIA or COLUMBINE

The modern Columbine with their long-spurred giant flowers on thrifty, strong growing 3-foot plants, are splendid both for garden display and for cutting. They flower in May and June and do best in a rich soil in semi-shade.

Long Spurred Blue Hybrids. This strain has been bred and perfected over a long period of years. Huge flowers on plants 3 to 4 feet high. Pkg. 25c; large pkg. 75c

Hart & Vick's Masterpiece. This is the best of the hybrid Columbines. Long spurred flowers in such splendid colors as lavender, orchid, blue, yellow, mauve, purple, scarlet, etc., and many two-color combinations. Pkg. 25c; large pkg. 75c

Mrs. Scott Elliott's Hybrids. Superb colors of long spurred, giant trumpet flowers in a pastel color mixture.

Pkg. 20c; large pkg. 65c.

Aubrietia

CARNIVAL MIXTURE. An English strain of the very lovely creeping, hardy plant. Flowers in sheets of blue, crimson and rose-pink for a long period of time. Probably the best of all perennials for growing in crevices of dry walls and rockeries.

Pkg. 25c

Double Camellia-Flowered Balsam

The Lady's Slipper of Grandmother's Day

An old garden favorite, producing its gorgeous masses of brilliant, double flowers in the greatest profusion throughout the summer. Of easy culture and succeeds in a good rich soil. Height 2 feet. Start the seed indoors in April or sow outdoors in May.

H. & V. Mixture of Goliath Balsams. A wonderful mixture of colors in tall-growing Balsams. Beautiful in the garden and as cut flowers.

Pkg. 10c; 1/4 oz. 45c

Balloon Vine

(Love-in-a-Puff)

A rapid growing annual climber succeeding best in a light soil and warm situation. It has white flowers followed by seed pods that look like miniature balloons and are of great interest to children. Height about 10 feet.

Pkg. 10c; 1/4 oz. 30c

Bellis Perennis

Giant Double English Daisies easily raised from seed and bloom from early spring until midsummer. A hardy perennial, they grow 6 inches high and make splendid border plants.

Crimson Rose White All Colors Mixed

Any of these colors: Pkg. 15c

Brachycome

(Swan River Daisy)

Iberidifolia, Mixed. A free flowering, dwarf growing annual, covered during the greater part of the summer with lovely blue and white flowers. A very pretty plant for large beds and broad borders, and excellent for pot culture. Height 1 foot.

Pkg. 10c; 1/8 oz. 40c

Calliopsis - Tickseed

Showy, beautiful, free-flowering annuals of the easiest culture, doing well in any sunny position, blooming all summer and excellent for cutting and massing. Sow where they are to bloom, thinning to 6 to 12 inches apart.

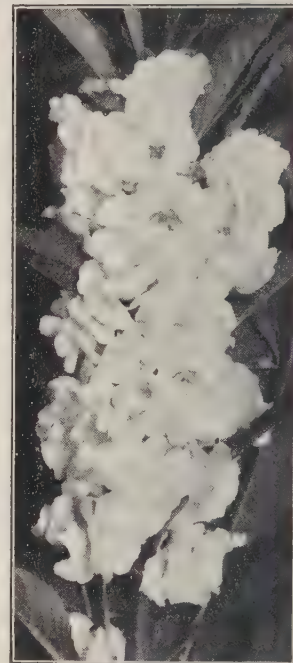
Tall Varieties. 2 1/2 to 3 feet. Mixed colors.

Pkg. 10c; 1/4 oz. 30c

All Double. Delightfully double flowers in mixed colors. Pkg. 15c; 1/4 oz. 45c

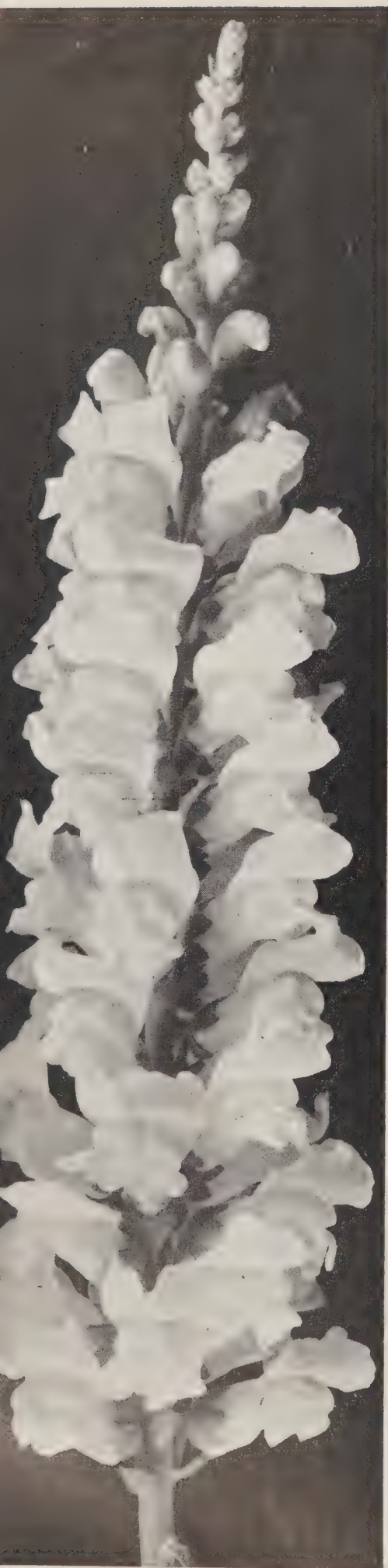
Dwarf Gold Crest. Large golden yellow semi-double with brown zone. 18 in.

Pkg. 15c; 1/4 oz. 45c



Double Balsam

Mrs. Scott Elliott's Columbine



The Giant-Flowered Snapdragon, Alaska



Hart & Vick's CALENDULA

The old-fashioned English "Marygold." One of the best and showiest free flowering annuals, growing in any good garden soil, from 1 to 2 feet tall. Effective in beds or in borders, where they bloom from early summer until frost. Very easily grown from seed sown in the spring, and summer. Try sowing the seed in August for specimen blooms with unusual stems.

Apricot Queen. A brilliant Calendula with large blooms of a bright apricot, deepening toward the center. It has a brown eye.

Pkg. 15c; 1/8 oz. 45c

Ball's Lemon Queen. Very large and double. Golden yellow with dark center; long, strong stems.

Pkg. 15c; 1/8 oz. 45c

Ball's Long Orange. Rich orange flowers of very large size; exceedingly long stems.

Pkg. 15c; 1/8 oz. 45c

Orange King. Full double, brilliant deep orange flowers with dark centers that will average 3 inches in diameter. This is a special selection that does equally as well in the garden as in the greenhouse.

Pkg. 10c; 1/4 oz. 40c

Orange Shaggy. A distinct new type with deeply fringed and lacinated petals of brilliant orange.

Pkg. 10c; 1/4 oz. 40c

Pacific Beauty. Large flowers with longer petals and longer stems. An unusual color range from light cream to deepest orange. Tests so far seem to show more resistance to midsummer heat.

Pkg. 15c; 1/8 oz. 50c

Sensation or Campfire. A giant, double, rich orange flower with scarlet sheen on a tall, strong stem. A splendid garden or greenhouse variety.

Pkg. 15c; 1/8 oz. 50c

Sunshine. The flowers are full double, with long, narrow, loosely set, graceful petals, a clear Buttercup-yellow, and much larger than those of other varieties. They are carried on long stems and in many ways resemble a Chrysanthemum.

Pkg. 15c; 1/8 oz. 35c

Mixed Colors. A mixture made up from a great many varieties and colors. Extra fine selection.

Pkg. 10c; 1/4 oz. 40c; oz. \$1.20

BEST OF ALL CLEAR YELLOW CALENDULAS FOR THE GARDEN

YELLOW COLOSSAL

Immense, bright clear yellow, very double flowers, sometimes more than 4 inches in diameter. The petals are narrow, long, and curved, forming a most graceful flower. The stems are strong and 10 inches long. This variety is not only the largest of all Calendulas, but it is also the most liberal bloomer. Plant this near Violet Queen Alyssum or Blue Ball Ageratum, both combinations are very attractive.

Pkg. 15c; 1/8 oz. 50c

Cardinal Climber

One of the most brilliant and beautiful annual climbing vines ever introduced. Strong and rapid in growth, attaining a height of 30 feet or more in a season. The cardinal-red flowers are borne in clusters and literally cover the vine with a blaze of color from midsummer until frost. Sow seed, when weather is warm, in good soil in a sunny spot.

Pkg. 15c

CAMPANULAS

Canterbury Bells

CALYCANTHEMA (Cup and Saucer Canterbury Bell). A splendid biennial, 2 ft. high, bearing large, beautifully colored flowers resembling a cup and saucer. Sow seed from June to September, transplant to 6 inches apart, protect during winter. Flower the following season.

White Rose Dark Blue Mixed Colors
Light Blue

Price, any of above: Pkg. 15c; 1/4 oz. 85c

MEDIUM (Single Canterbury Bells). Old-fashioned Canterbury Bell. Biennial, require same culture as C. calycanthema. Grows 2 feet high.

Light Blue Pink Mixed Colors
Dark Blue White

Price, any of above: Pkg. 15c; 1/4 oz. 50c

CAMPANULA CARPATICA (Harebells). A hardy perennial blooming profusely all season. Grows 6 inches high. Splendid for borders.

Mixed Colors. Pkg. 15c

Annual Canterbury Bell

Same flower and type of plant as the well known biennials, but these bloom six months after seed is sown. For early flowers start the seed indoors.

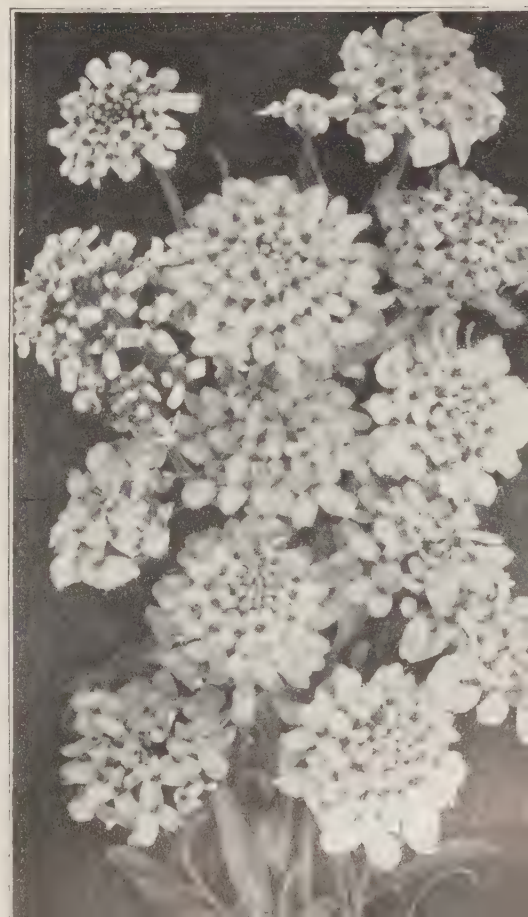
Mixed Colors. Shades of pink, rose, blue, lavender and white in a mixture.

Pkg. 15c; 1/8 oz. 35c

California Poppies, see Eschscholtzia, page 35.

The BOOK OF ANNUALS. (By Prof. A. C. Hottes.) This book opens the door to greater success with these popular flowers. Over 100 varieties described, directions for culture and uses. 180 pages; 158 illustrations. Cloth bound. \$2.00; postpaid \$2.15

Annual Candytuft is a Splendid Cut Flower



Cup and Saucer Canterbury Bells



CANDYTUFT - IBERIS

Annual Varieties

Umbellata. An easily grown and very free-flowering annual almost as fragrant as Sweet Alyssum and very rapidly growing in popularity. All authorities agree on the great decorative value of this charming flower for beds and borders, and the larger the mass the better the effect. Sow outdoors in early spring and thin when plants are 2 inches high, giving each plant 6 inches of space to develop in. Sow another lot of seed in July for fall blooming. Not only does Candytuft make a brilliant display in the garden, but it is a very useful cut flower and is grown in quantity by many florists.

Carmine
Crimson
Lavender

Pink
Deep Red
White

Mixed

Each: Pkg. 10c; 1/4 oz. 25c; oz. 75c

Collection: One package of each of above—6 colors for 45c.

Giant Hyacinth-Flowered. A wonderfully improved strain of the popular Empress Candytuft, quite distinct from the Umbellata sorts offered above, forming well branched plants 18 inches high, each branch terminating in an immense spike of large individual white flowers. Makes a splendid white border or bed. Fine for cutting.

Pkg. 10c; 1/4 oz. 40c

Perennial Candytuft

Evergreen plants that grow 6 to 10 inches high, with decorative foliage, and are covered with blooms in the spring and early summer. One of the best border or bedding plants.

GIBALTARICA. White flowers, tinted with pink.

Pkg. 15c; 1/8 oz. 30c

SEMPERVIRENS. Flowers white; in early spring.

Pkg. 20c; 1/16 oz. 55c



Giant Double Sweet-Scented Carnations

CARNATIONS

For Your Garden

Ideal flowers for cutting and for growing in beds and borders when their delicious spicy fragrance and rich colors make them universal favorites. All Carnations do best in a sweet soil, well drained and in a sunny location.

Giant Double Sweet Scented

A new hardy Carnation from the French specialist Chabaud that flowers from seed five months after sowing and continues to produce splendid double flowers, some of solid colors, others tinted and blended, year after year. This is a sweet scented variety and a splendid addition to the list of hardy garden flowers.

Cardinal-Red
Deep Rose
Crimson
Deep Salmon

Flesh-Pink
Rose-Pink
White
Yellow

Any of above: Pkg. 20c; large pkg. 65c; 1/4 oz. \$1.50

Collection: One package each of the above—8 colors for \$1.45
Mixed. Many colors. Pkg. 15c; large pkg. 55c; 1/4 oz. \$1.35

Grenadin Carnations

Compact growing, hardy plants bearing long-stemmed double flowers the first year if the seed is sown early. Cut the tops back when they are through blooming.

Pink Red Yellow White Mixed

Any of above: Pkg. 20c; large pkg. 65c

Centaureas, Bachelor Buttons and Double Cornflowers

Bachelor Button or Cornflower (*Centaurea cyanus*) Improved Bachelor's Buttons

Known as Bachelor's Buttons, Ragged Sailor, Blue Bottle, etc. These hardy, easily grown bright flowering plants are among the most attractive and graceful of old-fashioned flowers, and bloom all summer. We have discarded the old single-flowering type, the greatly improved double-flowering kinds offered below being much better in every way.

Polar Gem Cornflower

A recent introduction and a companion plant to the most popular Jubilee Gem Cornflower. Very double, pure white flowers on the same low, compact growing plant. About 12 inches high. We feel sure that this will be welcomed by gardeners everywhere because, like its companion, it has so many uses and is adaptable to so many situations and conditions.

Pkg. 15c; 1/8 oz. 35c

Larger, brighter colors, more double, this new Florist's Super-Garden Strain is so superior to the old type that every gardener should insist on getting it.

Black Boy. Rich deep maroon.

Blue Boy. Extremely large; rich deep blue. Very fine in the garden and as a cut flower.

Pinkie. Large; clear rose-pink.

Red Boy. Very attractive deep red.

Snow Man. Pure white; very double.

Each of above: Pkg. 15c; 1/4 oz. 35c; oz. 95c

Collection: One package each of the foregoing 5 colors for 65c.

Double Mixed. Pkg. 10c; 1/4 oz. 35c; oz. 95c

Jubilee Gem Cornflower

A low, compact growing plant about 12 inches high. Liberally covered with dark blue, very double flowers. Good for edging plantings of taller annuals or perennials, for mass planting, or for bordering walks and drives. Combines very well with Marigolds.

Pkg. 15c; 1/8 oz. 35c

Royal Sweet Sultan (*Centaurea imperialis*)

This beautiful class is undoubtedly the finest of all Sweet Sultans for cutting purposes. The deliciously sweet scented flowers are borne on long, strong stems, and when cut will keep for several days in perfect condition. The plants grow 2 1/2 feet high, are well branched, and make a splendid display in the garden. Sow the seed early.

Choice Mixture. Splendid colors.

Pkg. 10c; large pkg. 25c

White-Leaved Centaureas (*Dusty Millers*)

Fine for bedding, vases, hanging baskets, and pots. As an edging to beds of geraniums, salvia, or dark-leaved cannas, they are very effective. Sow the seed indoors and transplant outside in May.

Candidissima. Broadly cut silvery white leaves. Pkg. 15c; large pkg. 45c

Gymnocarpa. Finely cut, silvery white leaves. Pkg. 15c; large pkg. 45c



Jubilee Gem Cornflower

Cobaea

(Cup-and-Saucer Vine)

A rapid growing annual climber that often attains a height of 40 feet in a season. Flowers purple, bell-shaped. Fine for covering arbors and trellis. Plant seed edgewise, cover lightly; to get best results start the seed indoors in March or April; can also be sown out-of-doors in May.

Scandens. Purple

Pkg. 15c

Instead of using soil this year to start early plants in, use Vermiculite, it's light, clean and sterile. No damping off. Makes plant growing a pleasure. Page 61.

New Cuthbertson Sweet Peas are listed on page 46.



Royal Sweet Sultan

Celosia and Cockscomb

Easily grown, old-fashioned flowers that could be used with splendid effect in many gardens. The plumed type is especially useful as a background for lower growing plants.

Crested Cockscomb

(*Celosia cristata*)

An easily grown, free-blooming annual, very effective in the border and attractive for pots. Seed can be sown under cover in the early spring or outdoors in May. Plants grow 1 foot high.

Empress Giant. Brilliant crimson combs of giant size. Crimson foliage.

Pkg. 15c; 1/8 oz. 50c; 1/4 oz. 90c

H. & V. Mixed. Crimson, scarlet, yellow and orange shades mixed together.

Pkg. 15c; 1/8 oz. 50c; 1/4 oz. 90c

Don't sow seed too deeply. Most flower seeds do best if barely covered with fine soil pressed down very lightly.

Plumed Celosia

(*Celosia plumosa*)

The plumed Celosia are one of the best and showiest bedding plants. Grow 2 to 3 feet high. **Thompson's Magnificent.** Mixed colors; fine for outdoor planting. Pkg. 15c

Chinese Woolflower

(*Celosia Childsii*)

Choice Mixture. Unlike other feathered Celosia, it bears large, globular heads like balls of wool, on stalks 2 to 3 feet high. Branches freely, each branch terminating in a bright ball. Not only valuable as a very showy garden flower, but they make a fine flower for cutting, as they can be dried and will keep their color for weeks. Pkg. 15c; 1/8 oz. 40c



Cheiranthus—Siberian Wallflower

Giant Pink Queen Cleome or Spider Plant

Silver Medal Winner, All-America Selections

A new graceful hardy annual that grows 3 1/2 to 5 feet tall, and bears huge trusses of bright salmon-pink flowers from early summer until hard frost in the late fall. Solid beds of Cleome make a most wonderful display. Have the plants 18 inches apart each way. A double row makes a splendid hedge. The plants are well branched, each branch terminating in a large head of bright pink blooms followed by long, slender seed pods supported by long, wiry stems. Splendid for large beds or background planting. Pkg. 15c; large pkg. 45c

Cynoglossom Chinese Forget-Me-Not

This easily grown annual plant was recently brought here from China. It is strong and thrifty growing, 15 inches high and producing throughout the summer, sprays of Forget-Me-Not flowers that are delicately sweet scented.

Firmament. New low growing, bushy, easily grown kind, covered with rich blue flowers. Pkg. 15c; 1/8 oz. 40c

Coreopsis

DOUBLE SUNBURST. A new double-flowering, long-stemmed Coreopsis that is a splendid addition to our list of hardy flowers. Readily grown from seed and blooms the first season. Pkg. 15c; large pkg. 40c

MAYFIELD GIANT. Extra large rich golden yellow flowers on long stems. There are many flowering branches providing an abundance of flowers for cutting. This newer variety is so much better in every way than the old Grandiflora kinds that we have discontinued them. Pkg. 15c; large pkg. 40c

Giant Double Clarkia



Double Sunburst Coreopsis

Cerastium

(Snow-in-Summer)

Tomentosum. Hardy perennial bed or edging plant with pure white, star-shaped flowers in May and June. It gets its name from its appearance when in full bloom—and covered with blooms, "Snow-in-Summer." Height 12 inches. Pkg. 15c; large pkg. 45c

Cheiranthus Allioni

(Siberian Wallflower)

Allioni. A beautiful plant for the bed or border. Its dazzling, fiery orange flowers are borne in the greatest profusion on stems a foot high. Best used as a biennial. Blooms during May and June. Pkg. 10c; large pkg. 30c

Cleome, Pink Queen

CHRYSANTHEMUMS

The Annual Chrysanthemums or Painted Daisies, as they are called, bloom profusely from early summer until fall, their bright colors making a splendid show in the garden and being very useful as cut flowers in the house. As they grow 2 feet high, they make fine beds and borders, doing best in heavy soil.

Double Flowering Mixture of Colors. Very double flowers in brilliant colors, on tall, strong stems. Splendid for cutting and bedding. Pkg. 15c; 1/4 oz. 50c

Carinatum Merry Mixture. Easily grown annuals giving an abundance of large single flowers for cutting and display throughout the summer. They are beautifully zoned and ringed with unusual contrasting colors. Mixed colors. Pkg. 15c; 1/4 oz. 50c

SHASTA DAISY, CONQUEROR. A splendid perennial variety that bears giant, white, glistening, daisy-like flowers seldom less than 5 inches across on stems 2 1/2 feet high. Blooms all season and when cut will remain in good condition for a week. Pkg. 15c; large pkg. 35c

Cineraria

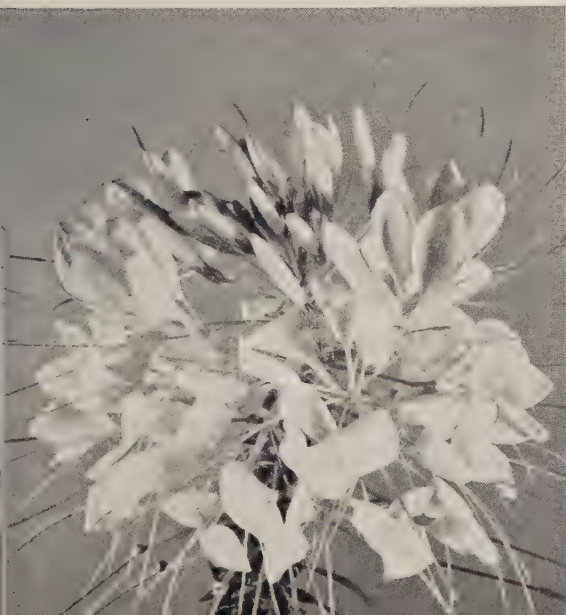
Cremer's Prize. Extra large blooms in a greater range of color than found in most other strains. Wilt-resistant plants. Pkg. 50c

Clarkia - Garland Flower

Giant Double-Flowering. These are among the finest of all flowers for the garden, blooming profusely and making a brilliant show when planted in beds and borders. Each plant produces a mass of slender, upright branches about 2 feet high, covered almost the entire length with buds and flowers whose daintiness of form and delicacy of color remind one of the almond blossom. Very easily grown in any light garden soil, either in the sun or in partial shade. All colors mixed. Pkg. 15c; 1/8 oz. 40c

[31]

Carinatum Chrysanthemums are Splendid for Cutting or for Show in the Garden





The Best Crimson Cosmos is Cardinal

Cosmos Bloom All Summer

These are among the most popular and easily grown annual flowers, making a wonderful display in beds and borders in the garden, and furnishing an abundance of cut blooms for house decoration in the fall, when other flowers are scarce. Sow the seed outdoors just as soon as danger from frost is over, or it may be started in cold frames and then transplanted. Thin or transplant 18 inches apart, and pinch back the tops to make them branch.

New Sensation Cosmos

Beautiful new variety bears, in good quantity, large 4-inch in diameter, single flowers with overlapping, fluted petals, about 10 weeks after the seed is sown. Much better than other single flowering kinds. Plant is compact in growth, about 4 feet tall.

Radiance. Silver Medal Winner. New giant flower of deep rose with a rich crimson disc and a canary-yellow center. Pkg. 15c

Dazzler. Rich crimson.

White King. Glistening silvery white.

Pink Lady. Rich shade of lilac-pink.

Mixed Colors. The three colors mixed.

Price of above: Pkg. 15c; large pkg. 35c

Early Double Cosmos

A description of this Cosmos gives you but a faint idea of its wonderful beauty. In the center of the flower is a crest of short, fine petals and this is surrounded by a row of broader and longer guard petals. The long, strong stems are covered with lacelike foliage that adds greatly to its decorative qualities. The plant grows 3 to 4 feet high and is massed with bloom from July until frost.

Carnelia. Splendid, rich crimson double flowers.

Peach Blossom. Beautiful rose-pink, double flowers.

Whirlwind. Pure white, double flowers.

Price of above: Pkg. 20c; large pkg. 45c

Collection: One package of each of these 3 separate colors for 50c.

Mixed. A splendid mixture of colors. Each of the preceding. Pkg. 15c; large pkg. 35c

Orange Flare. One of the newer kinds of Cosmos that received a Gold Medal in 1935 from All-America Selections Committee. Plant grows 3 feet high and carries quantities of 3-inch, single, orange-yellow blooms on long stems. Pkg. 10c; large pkg. 35c

Lovely Dahlias

ARE GROWN FROM SEED

It surprises most people to learn how easily Dahlias are grown from seed, and what splendid and unusual flowers, hardly two alike, are borne on the sturdy plants the first year. Sow the seed early in April. In the fall dig and store the tubers in a dry, cool place.

Coltless Hybrids. Very lovely single flowers about 3 inches across with slightly fluted petals that overlap each other and come in many beautiful colors from pure white to the deepest maroon. The sturdy plants grow about 2 feet high and bear profusely from July until frost. Stems of good length make this an outstanding flower both for the garden and as a cut flower indoors. Pkg. 15c; 1/8 oz. 40c

Unwin's Dwarf Hybrids

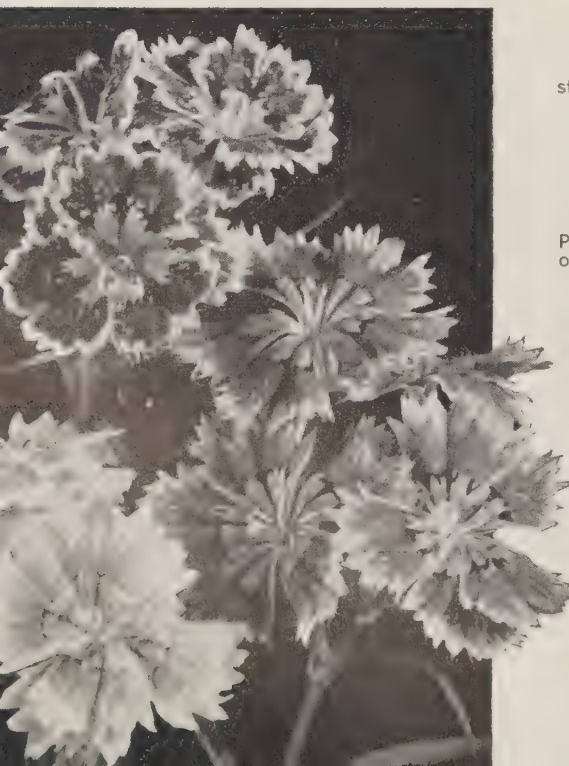
Miniature single, semi-double and double flowers in a brilliant array of colors ranging from pure white through cream, yellow, orange, salmon, pink, rose, purple and deep maroon. Plant grows about 20 inches high and starts blooming early in August and continues until frost. Splendid for display in the garden and for cutting. Pkg. 20c; 1/8 oz. 60c

Exhibition Mixture of Double Decorative Varieties. Made up from seed of choice, large-flowering named varieties that are sure to give many pleasant surprises to the gardener. Pkg. 25c



Unwin's Dwarf Hybrid Dahlias

Dianthus, Sweet Wivelsfield



Cypress Vine

A beautiful and popular annual climber growing 15 feet high, with delicate, fernlike foliage and star-shaped flowers of scarlet and white. Blooms July to late fall. Pkg. 15c; 1/4 oz. 45c

DIANTHUS

SWEET SCENTED GARDEN PINKS

Brilliant colors and profusion of bloom make these Garden Pinks one of our most popular flowers. Plants grow about a foot high and are particularly fine in masses in beds and borders. Sow the seed outdoors in early spring, and in a few weeks the plants will be up and full of bloom.

Annual Varieties

Westwood Beauty—A New Dianthus

Large, single, deeply fringed flowers 1 1/2 to 2 inches in diameter, on long, strong stems. A beautiful flower in variable shades of crimson and scarlet, some having white edgings. This is an annual flower. Pkg. 15c; large pkg. 35c

Giant Double Sweet-Scented. Double flowers with colors from the most delicate pink to the deepest crimson. Pkg. 10c; 1/8 oz. 35c

Giant Single Sweet Scented. A splendid mixture of colors in single flowers. Pkg. 10c; 1/8 oz. 35c

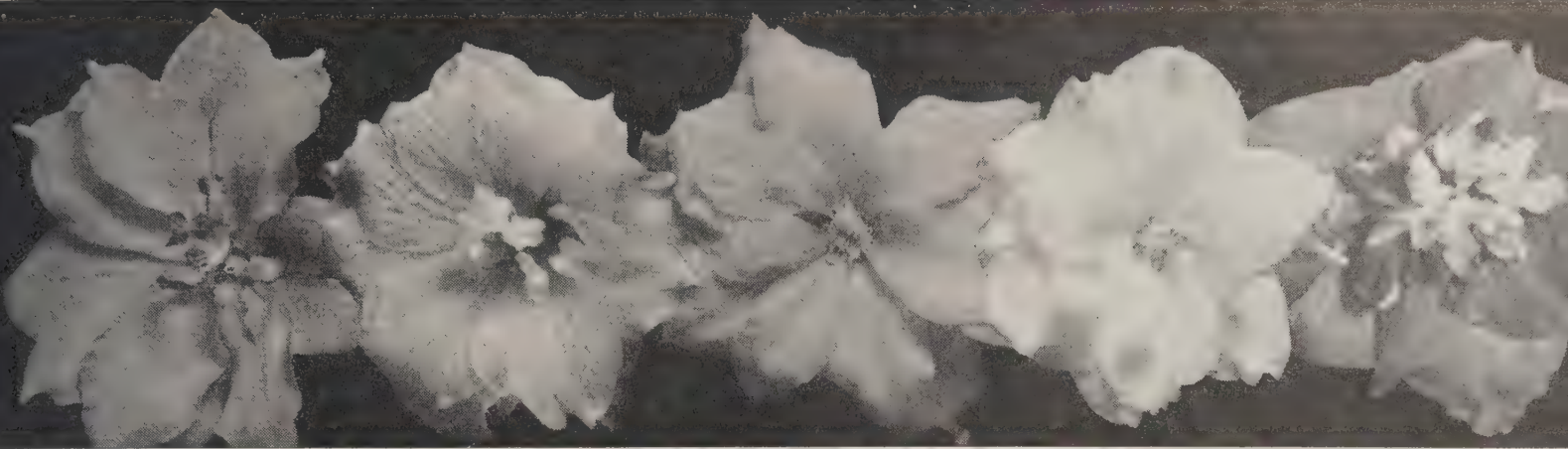
Sweet Wivelsfield. A new annual Pink for the border or bed. The plants have the thrifty growth of Sweet William, and the flowers the brilliancy of color of Japanese Pinks. Pkg. 15c; large pkg. 40c

Perennial Kinds

ALLWOODI ALPINUS. A beautiful hardy Pink for the border or bed. Grows 4 to 6 inches high and bears large flowers in various shades of rose and pink and lavender during July and August. Pkg. 20c; large pkg. 50c

Plumarius, Single Mixed. Fringed flowers in many beautiful colors. Pkg. 15c; large pkg. 40c

PLUMARIUS, DOUBLE MIXED. Double and semi-double, very fragrant, fringed flowers in many beautiful colors. Grows 8 inches tall. Pkg. 15c; large pkg. 45c



HART & VICK'S DELPHINIUMS

The individual flowers of Pacific Hybrids are very large. We have grown them here in Rochester 2 1/2 inches in diameter.

THE CENTER of ATTRACTION in any GARDEN

These are the most popular and certainly one of the most beautiful of all the hardy plants for display and for cutting. The tall spikes of flowers of many shades of color, standing erect above the dark green foliage, make a wonderful display unequalled by any other flower. They begin to bloom in June and by cutting the plants to the ground, as the crops of flowers fade, a second and third lot of bloom may be had.

PACIFIC GIANT DELPHINIUM

A new strain originated on the Pacific Coast. Huge flowers 2 1/2 inches in diameter, beautifully spaced on well-balanced spikes, thin, woody stems. Comparatively mildew-resistant, practically 100 per cent double.

Black Knight

Darkest of all dark blues with a dark bee. Giant flowers of heavy velvety texture on very long, well formed spikes. A great favorite in our display grounds.

Cameliard

Clear lavender, very double flowers with white bees.

Galahad

Clear white flowers with a white bee and very heavy glistening texture, pyramidal spikes with well spaced flowers, good branching habit, strong whippy stems with a high percentage of mildew-resistance.

Percival

Enormous double white flowers with large contrasting black and striped center bees. Most attractive and showy.

Summer Skies

Clear light blue flowers, very delicately colored. Has a white bee.

King Arthur

Very dark violet flowers with white centers or bees. Probably as dark or darker in color than any other Delphinium. In our trial grounds King Arthur had not only the largest individual flowers but the longest spike and the tallest and strongest stem.

Round Table Mixture

Three hundred crosses were used to make up this kind that combines all the newest color developments. The finest Hybrid Delphinium Mixture we have ever seen. At our display grounds at Fairport, N. Y., we had over 300 plants, grown from this seed, in bloom. Hundreds and hundreds of visitors pronounced it the best lot of Delphinium they had ever seen. We recommend this mixture of colors in Delphiniums to every gardener whether he or she is a Delphinium expert or just starting to grow them in their garden for the first time.

Prices:

Pkg. of about 100 seeds...35c
Large pkg. (about 200 seeds) 50c.

COLLECTION: One package each of above 6 separate kinds (6 pkgs. in all) for \$1.85

Hart & Vick's Gold Medal Hybrid Delphinium

This is a mighty good strain of Delphinium we offer you at a popular price. The flowers are of good size and come about 50 per cent double. Colors range from light sky-blue with light and dark bees through the mid-blues, violets, purples and lavender, and lavender-pink. Plants are strong growing and carry the flower spikes on strong, wiry stems. This strain is very easily grown.

Pkg. 15c; large pkg. 40c

Delphinium Chinensis Blue Mirror

A new type of Delphinium Chinensis sure to become increasingly popular. The clear, bright blue wide-open flowers are without spurs and face upwards. This makes it much more attractive both for a low border and for cutting. A half-hardy perennial that blooms the first year from seed sown outdoors in the spring. Plants 12 to 15 inches tall.

Pkg. 35c; large pkg. 85c

Belladonna Improved

A greatly improved strain of this popular variety. It has a brighter and larger turquoise-blue flower, a longer and better filled flower spike that is carried on a stronger and longer stem, and greatly excels the old Belladonna for continuous blooming.

Pkg. 20c; large pkg. 50c

Hart & Vick's Exhibition Hybrid Delphinium

The flowers are of exquisite texture, splendid size, and in trusses 2 feet long, held erect on 6-foot stems. Here you will find Sky-Blue, Porcelain-Blue, Gentian, Royal and Cornflower-Blue, Mauve, Rose, Heliotrope, Pansy-Violet, with double and crested centers in Pure White, Cream, Yellow and Black.

Pkg. 35c; large pkg. 75c

Blackmore & Langdon's Famous Delphiniums

Contains many of its finest Delphiniums introduced by the famous English growers, in colors from the lightest blue to dark ultramarine, many marked with mauve, with a light cream or white eye. One of the choicest mixtures we have ever offered.

Pkg. 25c; large pkg. 50c

Bellamosum Improved

A dark blue form of the popular light blue Belladonna. Sturdy grower, free bloomer, and has all the other good qualities that make a successful garden plant. Height 3 feet.

Pkg. 20c; large pkg. 50c

A Spike of the Pacific Giant Galahad





Dimorphotheca should be grown in more gardens. It really is a very lovely annual.

Coleus

Special Rainbow Mixture. Large, beautifully colored leaves of light green, yellow, orange, crimson, and maroon, used for beds and borders, and also for growing in pots. Pkg. 25c

Choice Mixed. A splendid mixture of the smaller leaved varieties. Pkg. 25c

Cyclamen, Giant Persian

This is a superior strain of Cyclamen with flowers of largest size displayed well above the handsome foliage.

The seed is sown in the greenhouse or conservatory in April or September, and flowers in from 15 to 18 months.

Mixed Colors. 10 seeds 35c; 25 seeds 75c; 100 seeds \$2.65

Daisy, English - Bellis

These double Daisies are easily raised from seed and bloom from early spring until midsummer. The plants grow 6 inches high and about 6 inches across. We offer Giant flowering types in mixed colors of red white and pink.

Pkg. 20c; large pkg. 75c



Datura—Angel's Trumpet

DIGITALIS - FOXGLOVE

The old-fashioned, stately Foxgloves are popular in gardens everywhere. Their long spikes, 4 to 5 feet high, bearing Gloxinia-like flowers in cream, rose, red, white and other beautiful colors, rising above the rich green foliage, make a wonderful show in June and July and add to the beauty of any garden. This is a biennial and the seed should be sown each year for continuous display. Plant in a well drained place in the garden.

GLOXINIAEFLOREA. This is an improved strain of the old-fashioned Foxglove. Colors range from white and shell-pink to deepest rose with throats of contrasting colors all handsomely speckled and spotted. Mixed colors. Pkg. 15c; large pkg. 45c

MONSTROSA. Tall spikes of very large bells, many spotted. Clear bright colors: rose, purple, lilac, shell-pink, and white. This is the largest flowering of the Foxgloves. We offer it in mixed colors.

Pkg. 15c; 1/8 oz. 50c

Dimorphotheca

(African Daisy)

Aurantiaca. Also known as the Cape Marigold. Daisy-like blooms during summer and fall. Good for rock gardens, edging and cutting. Quick to come into bloom. 12 to 15 inches tall. Bright golden orange flowers. Pkg. 15c; large pkg. 40c

Dolichos - Hyacinth Bean

Mixed. A rapid growing climbing plant with handsome foliage and spikes of purple and white flowers which are followed by purple seed pods. Blooms summer and fall. Height 2 feet. Splendid for covering arbors and trellises. All colors, pkg. 10c

Didiscus

(Blue Lace Flower)

Caerulea. Blue Lace Flower grows into an upright, very much branched plant about 2 feet high. Each branch ends in an umbel of sky-blue flowers which spread out in an umbrella-like fashion, crowning each shoot with a beautiful and delicate head of flowers. It is easily grown and a splendid cut flower, lasting unusually long in water.

Pkg. 15c; 1/8 oz. 25c; 1/4 oz. 45c

Datura

(Angel's Trumpet)

Wrightii. (Meltoides.) Showy, large, upright growing plants 3 feet high, having large bluish green leaves and dark purple stems. The immense trumpet-like, pure white flowers are very sweet scented and bloom from midsummer to fall. Grow them in a light soil and in a sunny, protected place.

Pkg. 10c; large pkg. 25c

Euphorbia

Variegata (Snow-on-the-Mountain). Striking ornamental plant having light green leaves variegated with white. A strong growing and popular annual suited for beds and borders of tall growing plants. Sow seed in early spring, where plants are to remain. Thin to 1 foot apart. Height 2 1/2 to 4 feet.

Pkg. 15c; 1/4 oz. 35c

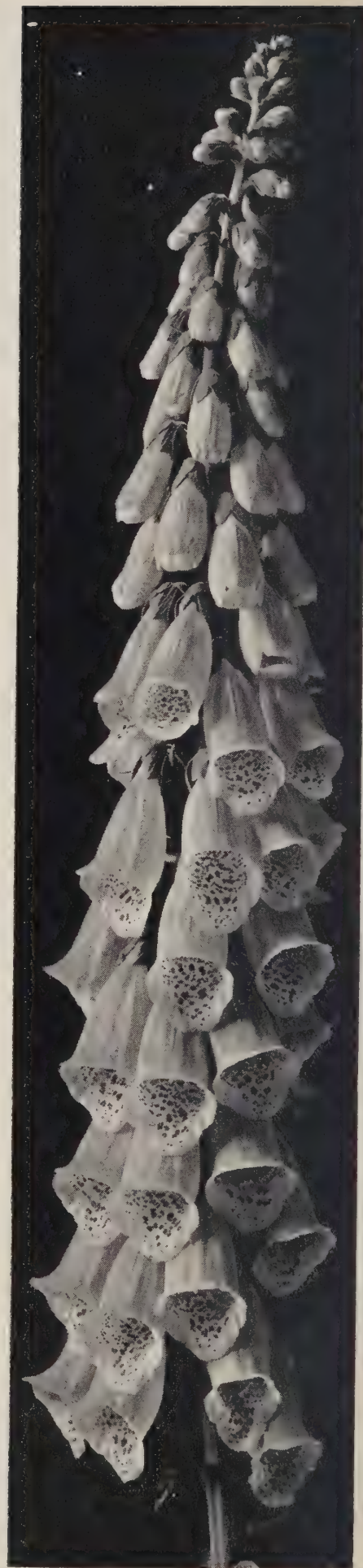
Fire Chief Petunia, the Gold Medal Winning Flower for 1950.



Snow-on-the-Mountain (Euphorbia)

TERRA-LITE VERMICULITE

Try Terra-Lite Vermiculite in your garden seedbed, to break up heavy clay-type soils. Lets soil breathe, provides air and water as needed by growing plants. See page 61.



A tall, graceful spike of the **Gloxinaeflora Foxglove**—very large bells of the brightest colors on tall, strong stems.

Everlasting Flowers for Winter Bouquets

Acroclinium. New large-flowered double hybrids. Giant size, white or rose-pink flowers; if cut when first opened, can be dried and used in winter bouquets. Height 15 inches. Mixed. Pkg. 15c; 1/4 oz. 55c

Gomphrena globosa. Flowers similar to those of clover. Mixed colors. Height about 18 inches. Pkg. 15c; 1/4 oz. 35c

Helichrysum (Strawflower). One of our best Everlastings. Double flowers, which, if cut when in half bud and dried, will retain their color for years. Height 2 1/2 feet. Mixture of rich bright colors. Pkg. 10c; 1/4 oz. 60c

Honesty (*Lunaria biennis*). Called by many "Silver Penny" and "Peter's Pence." A biennial that flowers the first year if the seed is sown early and bears round, flat, silvery white seed pods which are dried and make attractive winter decorations. Grows 4 feet high. Pkg. 15c; 1/8 oz. 35c

Statice sinuata. A fine garden flower rapidly growing in popularity. Splendid in the summer garden and makes wonderful bouquets when dried for winter.

Kampf's Blue White **Bright Rose Mixed Colors**
Each, pkg. 10c; 1/4 oz. 25c

HART & VICK'S MIXTURE OF EVERLASTINGS

A special mixture of different flowers that can be dried for winter bouquets. This mixture will also provide nice fresh cut flowers during the summer.

To dry, cut the flowers before they are fully developed, remove the foliage, bunch loosely, and hang heads downward in a cool, airy, shady place. Pkg. 10c; 1/4 oz. 30c; 1/2 oz. 50c

Feverfew - Matricaria

BALL DOUBLE WHITE. Small, double, white flowers on bushy plants 3 feet high. Well adapted for bedding and cutting. Perennials in a mild climate, but here we treat them as annuals. Pkg. 15c; large pkg. 50c

NOTE: This is a variety that does not come 100% double from seed. We believe this strain we offer you is as good as can be grown. Our trials show about 85% double white flowers.

Four O'clock (Marvel of Peru)

An annual plant of bushy habit that grows very easily in any garden, is 2 feet high and bears throughout the summer large flowers, that open wide about 4 o'clock in the afternoon, if the day is sunny, and stay open all day if it is cloudy. We offer a mixture of these colors: white, yellow, crimson and striped. Mixed, pkg. 10c; oz. 45c

Godetia - Satin Flower

These very attractive annuals, with their wide-open, satiny-petaled flowers and their wealth of brilliant color, deserve a prominent place in your garden. They will grow in poor and sandy soil and in partial shade, or you can grow them in pots for winter house flowers. Both the single and double flowering kinds come in a splendid mixture of colors, including rose and white, dark crimson, fiery red, brilliant rose and bright pink. Usually a deep blotch of color is found near the center, as if painted upon the petals. Blooms summer and fall.

Duke of York. Rich scarlet single flowers bordered with creamy white. Stems 18 inches long. Pkg. 15c; 1/8 oz. 50c

Tall Double, Mixed. The double, brilliantly colored flowers are borne profusely on plants 2 feet high. Pkg. 15c; 1/8 oz. 50c

Dwarf Double, Mixed. Azalea-like, satiny, single flowers, splendid for beds and borders. Height 1 ft. Pkg. 10c; 1/8 oz. 35c



Old-Fashioned Four O'clocks



Brilliant Godetias



California Poppy (*Eschscholtzia*)
Blooms from early summer until frost

HART & VICK'S GAILLARDIAS

Annual Varieties

Annual Gaillardia make a splendid show in the garden from early summer until frost. The brilliant flowers are fine for cutting. Sow the seed where they are to bloom. Height 18 inches. Blooms all season.

Picta, Indian Chief. A most attractive single flower of glistening metallic bronzy red with a sharply contrasting dark center. Pkg. 15c; 1/4 oz. 45c

Double-Flowering, Mixed (*Lorenziana*). Large, handsome, double, quilled flowers in rich shades of crimson, garnet, lemon, and orange. Pkg. 10c; 1/8 oz. 35c

Perennial Kinds

Hardy Gaillardias thrive in any soil or position, and are absolutely hardy. Sow seed early and they will begin blooming in July and continue until frost. Grows 2 feet high.

GRANDIFLORA, MIXED. Gorgeously colored flowers marked with crimson, orange, and vermillion. Pkg. 10c; large pkg. 30c

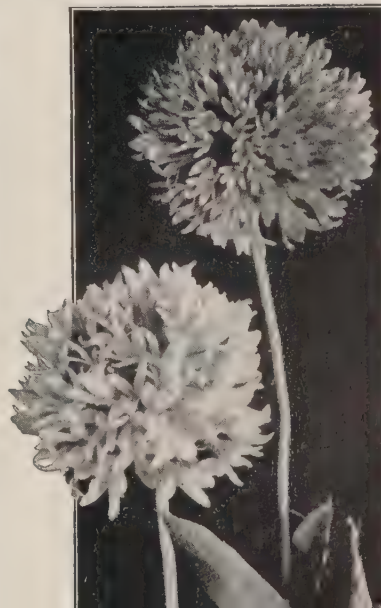
THE DAZZLER. Dark red, with bright orange tip of each petal. Pkg. 15c; large pkg. 35c

BURGUNDY. A new coppery scarlet, hardy variety, entirely distinct from other Gaillardias. Pkg. 20c; large pkg. 40c

The Hardy Gaillardias, Burgundy and Dazzler



Double-Flowering Annual Gaillardias



Eschscholtzia

(California Poppy)
The State Flower of California

A beautiful and brilliant annual growing about a foot high and bearing quantities of Poppy-like flowers in yellow, orange and crimson. These are specially good when planted in beds and borders where their finely cut, blue-green foliage and brilliantly colored flowers make a gorgeous display. Sow the seed in the early spring where the plants are to remain.

Golden West. Single flowers of deep yellow with a brilliant orange blotch. Pkg. 10c; 1/4 oz. 25c

Single Flowering Mixed Colors. Very delicate silk-like flowers in a color assortment ranging through golden orange, chrome-yellow, purple and frost-pink. Pkg. 10c; 1/4 oz. 25c

Double Flowering Mixed Colors. Large, double flowers ranging in color same as single kinds. Pkg. 15c; 1/4 oz. 50c

Gilia

Capitata. A very graceful annual growing about 2 feet high, with fine, feathery foliage, and bearing freely over a long season, globular heads, about 1 inch across, of rich lavender-blue flowers which last well when cut and retain their lovely color when dried. Pkg. 10c; 1/4 oz. 25c

Micrantha, Fairy Stars. Very attractive, tiny star-like flowers in pastel shades borne abundantly on plants 12 inches tall. Pkg. 15c; 1/8 oz. 40c



Annual Gypsophila is Splendid for Bouquets

Ornamental Gourds

Small-Fruiting Varieties, Mixed. The fruits vary greatly in shape and color, but all are of the small-growing type now so popular shown in bowls and baskets in the home. We have a specially fine strain of these very popular gourds. In this mixture you will find many varieties, both smooth and warted.

Pkg. 10c; 1/2 oz. 35c; oz. 60c

Large-Fruiting Varieties, Mixed. A mixture containing such well known large kinds as Dipper, Pipe, Dish-rag, Hercules Club, Calabash, etc. Pkg. 10c; 1/2 oz. 35c; oz. 60c

Harvest Gourds when the stem has begun to turn brown, the leaves of the vine start to die and the gourd shell will not dent with the finger nail. Leave part of the stem on the gourd when picking. Clean, wash in a strong disinfectant and dry in a cool place where there is plenty of air.

Geum - Avens

These hardy perennial plants belong to the Rose family and have become very popular in the hardy border, where their showy flowers make a brilliant display from May through October. To avoid wilting after cutting, put the stems in warm water. Height 2 feet.

LADY STRATHEDEN. Rich golden yellow, double flowers produced in great profusion all summer. Pkg. 20c; large pkg. 45c

MRS. BRADSHAW. Large, double, orange-scarlet flowers on plants 2 feet high. Pkg. 15c; large pkg. 45c

Hart & Vick's Giant Hollyhocks

These real old-fashioned, hardy plants are a necessary part of every perennial garden. Nothing is more effective than a mass of Hollyhocks blooming in the back of the hardy border. Massed in fence corners or distributed among the shrubbery, no other plant produces such showy effects. Give them plenty of water, an occasional dressing of manure, and slight protection during winter. Height 6 feet.

CHATER'S FAMOUS DOUBLE VARIETIES:

Pink
Yellow

Maroon
White

Scarlet
Salmon

Deep Rose

Each of above: Pkg. 10c; 1/8 oz. 35c.

Collection: One package each of the above—7 colors for 55c.

Double Mixed. A splendid mixture of a great many colors.

Pkg. 10c; 1/8 oz. 35c

NEW—

Double Triumph Supreme Hollyhocks

Color range of unsurpassed variety. All the favorite colors plus vivid scarlet, orange and buff combinations not found in existing strains. Full double blossoms gracefully waved and fringed show well above the foliage. Blooms much earlier than older varieties. Strong growing plants, highly rust-resistant.

Pkg. 15c; 1/8 oz. 60c

GYPHOPHILA

(Baby's Breath)

ANNUAL KINDS:

The delicate, mist-like sprays are used for mixing with other flowers in bouquets and vases. Plants grow readily and bloom freely.

London Market Strain. A new strain of the always popular annual Baby's Breath. The flowers, which are pure white, are the largest of any annual Gypsophila. It makes a remarkably fine flower for cutting and will be found useful in many ways. Make sowings of seed during the spring and early summer. Height 2 feet.

Pkg. 10c; 1/2 oz. 20c; oz. 35c; 1/4 lb. \$1.15
Carmine. Large, richly colored flowers on 18-inch stems. Pkg. 15c; 1/8 oz. 35c

PERENNIAL VARIETIES:

PANICULATA. Single, white flowers that are fine for winter bouquets when dried. A favorite hardy perennial. Height 2 feet. Pkg. 10c; large pkg. 25c

DOUBLE SNOW-WHITE. A new hardy kind that is earlier and larger flowered than the old Paniculata Fl. Pl. variety. Splendid for cutting and drying for winter bouquets. Pkg. 25c; large pkg. 75c

Helenium

RIVERTON GEM. Single flowers of old gold suffused with bright terra cotta, changing to Wallflower-red. 3 to 4 feet high. Bloom in August, September and October. Hardy perennial, particularly valuable where climate is too severe for Garden Chrysanthemums. Pkg. 20c; large pkg. 50c

Honesty

(Peter's Pence - Silver Penny)

Lunaria biennis. Grown for the silvery white, paper-like, flattened seed pods, which will make attractive winter decorations. Flowers are purple, crimson or white. A biennial that will flower the first year if the seed is sown early.

Pkg. 15c; 1/8 oz. 35c

Heuchera - Coralbells

SANGUINEA. An exceptionally good plant for bordering or beds. It is dwarf, compact, bushy, and very easily grown. Graceful spikes of coral-red flowers during July and August; stems 2 feet high.

Pkg. 25c; large pkg. 75c

SPITFIRE. Large, rich scarlet flowers on strong, wiry stems 2 feet high. Blooms in July and August.

Pkg. 25c; large pkg. 75c

Annual Hollyhock

Called "Annual" because the plants will bloom from seed the first season if seed is sown early. With very little winter protection they will last several years. Grow about 5 feet high. Mixture of many colors.

Pkg. 10c; 1/4 oz. 35c



Coralbells or Heuchera

Grow some of the new flowers in your garden this year:

Rose Flame Salvia
Pixie Delight Lupin
Bush Type Verbenas
Percival Delphinium



In a Corner or Along a Fence
Hollyhocks Do Things to a Garden

HART & VICK'S ANNUAL LARKSPUR

This is one of the best known of garden flowers, and in recent years a vast improvement has been effected by careful selection in size and color of the blossoms and the general habit of the plant. Seeds sown outdoors before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost, a record that is not surpassed by any other annual. They make handsome beds and their free, graceful habit and bright colors are very effective when planted in groups in the old-fashioned flower or shrubbery border. As a cut flower they are particularly useful. Please remember Larkspur seed requires cool weather for germination. Sow as early in the spring as possible. Fall sowing should be done in September.

Double Stock-Flowered Larkspur

A greatly improved variety of Annual Larkspur that branches out from the base and makes sturdy, upright stems 3 feet high on which are carried long, full spikes of very double flowers.

Dark Blue **Rosamond.** Rose.
La-France-Pink **Scarlet**
Lilac. Clear lilac. **Sky-Blue**
Los Angeles. Salmon. **White.** Pure white.

Each of the above:

Pkg. 10c; 1/4 oz. 45c; 1/2 oz. 75c

Collection: One package each of the above—8 colors for 65c.

Mixed. A splendid mixture of many colors.
Pkg. 10c; 1/4 oz. 35c; 1/2 oz. 65c

Helianthus - Sunflower

These annual Sunflowers are charming when grouped in mixed flower borders, and are used extensively as cut flowers as they come into bloom early in the summer and keep on flowering until cut down by hard frost. Sow in a sunny spot early in the spring.

Red Shades. Tall, 6-foot plants carrying large single flowers in varying shades of red and crimson, some tipped with yellow, others yellow splashed with red.

Pkg. 10c; 1/4 oz. 35c; oz. 60c

Sungold. Large, double, brilliant yellow flowers on 4-foot stems that burst into bloom the same day and make a most colorful show. Seed sown in May makes plants that bloom early in August.

Pkg. 15c; 1/2 oz. 35c; oz. 65c

Mammoth Russian. Grows immense, single, yellow heads often 18 to 20 inches in diameter and produces quantities of seed that is enjoyed by many of our native birds, as well as chickens.

Pkg. 10c; oz. 15c; lb. 45c

Heliotrope - Cherry Pie

A half hardy perennial that flowers during the whole season and whose flowers and foliage are deliciously fragrant. Splendid for bedding or greenhouse use. Seed sown indoors early will produce blooming plants for bedding and pot-plants for winter house decoration. Can be sown outdoors in May.

LEMOINE'S GIANTS, MIXED. Many shades ranging from very light blue to darkest purple.
Pkg. 15c; large pkg. 50c



Kochia is Our Fastest Growing Hedge Plant

New Giant Imperial Larkspur

These new annual Larkspurs grow 4 feet tall and bear long, solid spikes of double flowers on each of the many branches.

Blue Bell. Clear light blue, double flowers.

Brilliant Rose. New. Deep salmon-rose suffused with carmine.

Carmine King. Rich deep carmine and salmon flowers on long spikes, with 3- to 4-foot stems.

Blue Spire. Intense deep Oxford-blue, double flowers in long, full spikes.

Dazzler. Rosy carmine, very double flowers on long stems.

Exquisite Pink Improved. A beautiful, soft pink flower that comes in very large trusses.

Gloria. Rich deep rose blooms in long spikes on stems 4 feet tall.

Miss California. Deep pink flower, shaded with salmon.

Pink King. Attractive, soft cream-pink.

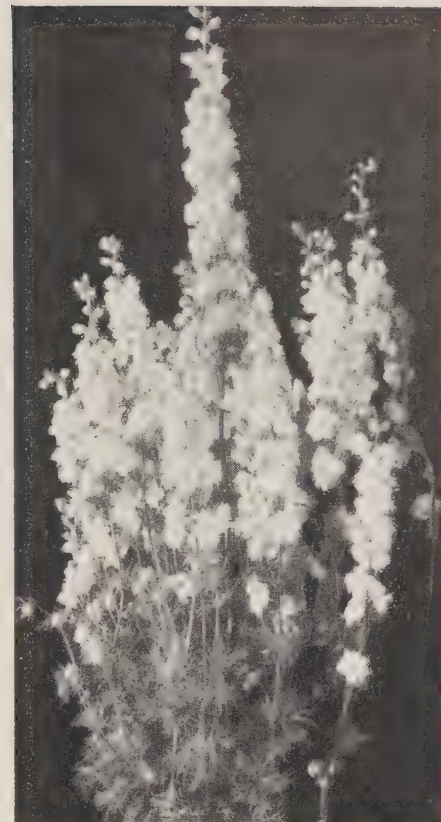
Rosalind. Very lovely salmon-rose that holds its flowers a very long time.

Sweet Lavender. Clear, even lavender, the very best of this color.

White King. A new giant pure glistening white spike of large fully double flowers.

Giant Imperial Mixture. A superb blending of colors too numerous to mention.

Each of the above: Pkg. 15c; 1/8 oz. 35c.



Annual Larkspur makes a brilliant show in the garden and a splendid cut flower in the house.

Hunnemannia

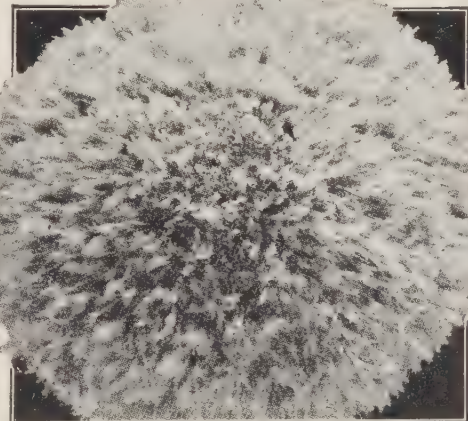
(Giant Tulip Poppy)

Sunlite. New semi-double flowers with a band of short petals circling the longer cup petals. Very attractive, clear canary-yellow. Sow in a sunny spot where it will bloom all season long. If you will cut it when in bud it will last indoors for seven or eight days. Pkg. 15c; 1/8 oz. 35c

Kochia

(Summer Cypress; Burning Bush)

This beautiful annual bush has rapidly come into prominence. It grows 2 to 2 1/2 feet high, and resembles a close-clipped ornamental evergreen. The globe-shaped or pyramidal plants are close and compact, and of a pleasing light green color. It may be grown singly or in the form of a hedge. In early autumn it becomes carmine, or blood-red. We offer the variety **Childsii**. Pkg. 10c; 1/2 oz. 25c; oz. 40c



Lovely Double Sunflower, Sungold

Lantana

Mixed Hybrids. This very desirable, half-hardy greenhouse and bedding plant bears a constant profusion of verberna-like heads of orange, white, rose, and other colored flowers and grows 2 to 3 feet high. Blooms summer till frost. Pkg. 15c; large pkg. 40c

Lathyrus Latifolius

(Perennial Sweet Pea)

Showy, free-flowering, hardy perennial climber for covering stumps, fences, etc. They bear continuously from June until September, if kept picked, large clusters of Sweet-Pea-like flowers that are splendid for cutting. Grow well in almost any soil or location. Sow the seed in the garden in April or May and the sturdy vines will bear quantities of flowers the next summer and for many years to come.

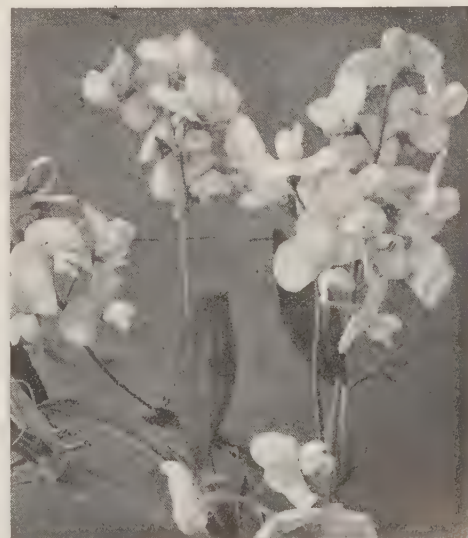
WHITE, PINK, RED, MIXED.

Pkg. 15c; 1/4 oz. 45c

Lavatera - Annual Mallow

Loveliness. A beautiful, very showy annual about 3 feet high and covered during the entire summer with large pink cup-shaped flowers. Very attractive for beds and borders.

Pkg. 15c; 1/4 oz. 45c



Easily Grown Hardy Sweet Peas

HIGHLAND PARK GRASS SEED MAKES THE
FINEST LAWNS



Russell's Famous Hardy English Lupin

LUPIN

Free flowering annuals that are very easily grown in the garden. The strong, 4-foot plants with their many branches and dark glossy green foliage bear long, graceful spikes of pea-shaped flowers in blue, white, sky-blue and rose during July and August.

New Annual King Lupin. A greatly improved giant flowering strain, each plant having 4 to 6 spikes carrying many more flowers than the regular type. Very free blooming.

Dark Blue
Heliotrope

Sky-Blue
Mixed Colors

White

Pkg. 10c; 1/4 oz. 35c

Pixie Delight. A new dwarf annual Lupin that makes strong, sturdy, many branched plants bearing profusely gay little spikes of flowers in pleasing shades of pink, rose, blue, lavender and white, as well as bicolor combinations. An early and free blooming plant for borders, beds and pot plants.

Pkg. 15c; 1/4 oz. 45c

By Far the Best of the Hardy Kinds is Russell's English Lupin

One of the finest perennials introduced in a decade. The lifetime work of an English gardener. Giant spikes 2 feet in length on 4- to 5-foot stems, brilliant self and bicolors, rose, orange, deep yellow, purple, blue, heliotrope. A handsome hardy perennial plant that well deserves a place in every garden.

Pkg. (about 40 seeds) 25c; large pkg. 50c

Linum - Flax

Grandiflorum rubrum (Scarlet Flax). Brilliant single scarlet flowers about an inch in diameter. The 18-inch plant is in bloom during the entire summer, for while the individual flowers last but one day, new blossoms appear every morning.

Pkg. 10c; 1/8 oz. 20c

FLAVUM. Golden yellow flowers from June to September. Dwarf plant, seldom more than 12 inches high. Excellent for borders because of the hardiness and long season of bloom.

Pkg. 20c; large pkg. 50c

PERENNE. Light blue flowers in great profusion from May until August. Easily grown from seed in an ordinary soil and an open, sunny location. 2 feet tall.

Pkg. 10c; 1/4 oz. 35c

LOBELIA

For Vivid Blues

These bloom very quickly from seed and flower all through the season. For beds, edgings, baskets, and pots there is nothing prettier. Sow outdoors in the early spring, where the plants are to grow, and thin moderately to several inches apart.

Crystal Palace. Excellent for carpet bedding, seldom over 4 inches high. Deep blue flowers, small but effective in masses, dark foliage. The most popular variety.

Pkg. 15c; 1/16 oz. 50c; 1/8 oz. 90c

Sapphire. A trailing kind, splendid for porch and window boxes and for hanging baskets. Big, deep blue flowers with large white eyes.

Pkg. 15c; large pkg. 40c

Matthiola - Evening Scented Stock

Lilac flowers that give off a delightful perfume in the morning and evening, and after a shower. In bloom from July to September. 15 inches high.

Pkg. 10c; 1/4 oz. 30c; 1/2 oz. 50c

You get the same seed for your garden as we furnish the florist whose living depends on the quality of the seed he sows.

Regal Lily - Lilium Regale

Gorgeous, trumpet-like, white, yellow and lilac flowers that are in bloom in June and July. Sweet-scented. Grow 3 to 5 feet tall.

Pkg. 15c

Lunaria Biennis or Honesty

Lilac-purple flowers followed by silvery seed pods. Dried for winter bouquets. An annual that self-sows itself.

Pkg. 15c; 1/8 oz. 35c

Matricaria. (See Feverfew, page 35.)

Marvel of Peru

(Four O'clock)

A very popular old-fashioned plant whose red, pink, yellow, white and lilac flowers open in the afternoon if the day is sunny, or all day if it is cloudy. Very easy to grow in any garden and bloom from July until frost.

Pkg. 10c; oz. 35c

Mignonette - Reseda

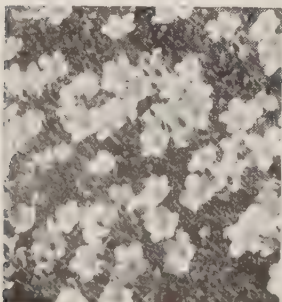
A well known old-fashioned flower prized for its distinctive fragrance. Sow the seed out in the garden where you want the plants to remain, as it does not transplant successfully. Thin to stand about a foot apart.

Allen's Defiance. This gorgeous Mignonette is deliciously sweet scented, a quality no other large flowering variety has. The individual florets are of immense size, forming a graceful, compact spike 12 to 15 inches long. A fine keeper, retaining its grace and fragrance until every bud opens.

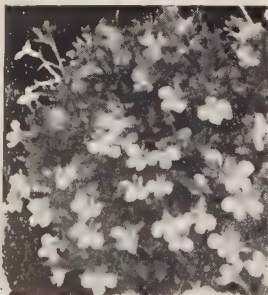
Pkg. 10c; 1/4 oz. 30c

Goliath Red. Giant red flowering variety, very fragrant.

Pkg. 15c; 1/4 oz., 50c



Hardy Linum



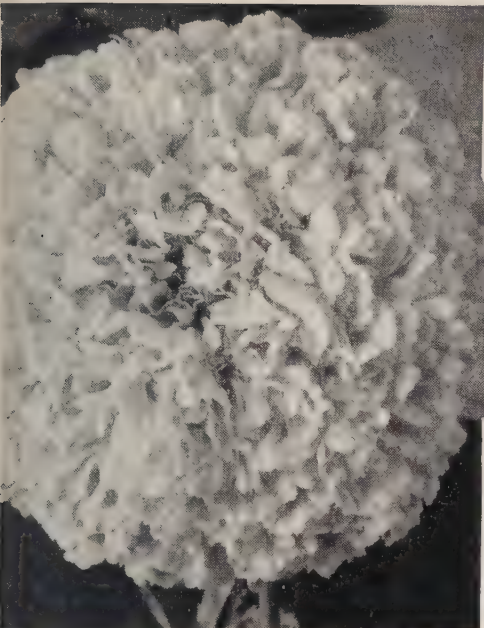
Crystal Palace Lobelia



Old-Fashioned Four O'clock



Allen's Defiance Mignonette



Sweet-Scented Sunset Giants



The Large Deep Golden Orange Blossoms Covering Compact Low Growing Plants Make Pot O' Gold a Very Popular Marigold



Goldsmith Marigold



Signet or Scotch Marigold

Signet Marigold

Gnome (*Tagetes signata pumila*). A compact, bushy, dwarf plant covered with golden yellow flowers; foliage fernlike, a beautiful green. Splendid for beds and borders. Height 8 inches. Early summer to frost.

Pkg. 10c; 1/8 oz. 45c

French Marigold, Flash



LARGE FLOWERING MARIGOLDS

The African Marigolds are old favorite, free-flowering annuals of easy culture. They have uniformly large yellow or orange flowers, and are adapted for large beds or mixed borders. They succeed best in light soil, with full exposure to the sun. Splendid for cutting, as they keep in fine condition for a long time indoors.

All-Double Lemon. Giant quilled flowers, 4 to 4 1/2 inches across, 100 per cent double, on long, strong stems, excellent for beds, borders and for cutting. Plants are very free blooming from midsummer until frost. They grow 30 inches tall. Pkg. 15c; 1/8 oz. 45c

All-Double Orange. Just the same as All-Double Lemon except with clear orange flowers. Pkg. 15c; 1/8 oz. 45c

Guinea Gold. Carnation-like flowers of rich orange flushed with gold, double and semi-double, with no singles. Plants bloom profusely until well into November. 2 1/2 feet tall.

Pkg. 10c; 1/8 oz. 35c

Lemon Ball. Large lemon-yellow, long stemmed flowers on 3-ft. plants. Come about 60 per cent full double. Pkg. 10c; 1/8 oz. 35c

Orange Ball. Just like Lemon Ball except with rich orange flowers. Pkg. 10c; 1/8 oz. 35c

Mission Giant, Goldsmith. All-America Bronze Medal, 1941. Giant incurved Chrysanthemum-like, golden orange flowers up to 3 inches in diameter and almost a perfect ball in shape. Early and very free blooming plants, grow 20 inches tall, and make many branches, each carrying a flower. A very lovely Marigold that deserves your attention.

Pkg. 15c; 1/8 oz. 45c

All-Double African, Mixed Colors.

Orange and yellow, mixed. Pkg. 15c; 1/8 oz. 45c

Mission Giant, Yellowstone. 1942 winner. A true companion for the famous Mission Giant, Goldsmith, the Bronze Medal Winner of 1941. Yellowstone is a lovely, clear golden yellow, incurved, Chrysanthemum-like petals and very attractive. Sow the seed indoors and set the plants out early for it is rather late in flowering in our northern locations.

Pkg. 15c; 1/8 oz. 45c

Pot o' Gold. Quite distinct from the general run of Marigolds, seeming to combine in one plant all the better qualities of other varieties. Plants are dwarf, 15 inches high, compact, free flowering and early blooming. Flowers are 4 to 4 1/2 inches in diameter, of a rich golden orange and borne on 10- to 12-inch stems.

Pkg. 15c; 1/8 oz. 45c

Sweet Scented Sunset Giants. Largest flowering of all Marigolds. Loose-leaf formed, full centered blossoms measuring 5 inches or more across. They come in a fine variety of colors, ranging from primrose through deep gold to golden orange. Plants about 3 1/2 feet high.

Pkg. 15c; 1/8 oz. 35c

Yellow Supreme. (1935 Gold Medal Winner.) Lemon-yellow or rich primrose, Carnation-flowered type, fully double and with a distinct and sweet fragrance. Flowers freely until late frost kills the plants. Height 2 feet.

Pkg. 10c; 1/8 oz. 35c

FRENCH MARIGOLDS

Small Double and Single Flowers On Low Growing Plants

Few annuals are as effective in beds and borders as French Marigolds, or bloom for as long a period. Compact bushes, 12 inches high.

Early Dwarf Royal Scot. At last a distinctly low, bushy growing plant that bears from early summer until frost very double, distinctly striped mahogany and gold flowers. Pkg. 15c; 1/8 oz. 40c

French Double Mixed, Monarch Strain. Double flowers of yellow, orange, cream, brown, and old gold in a splendid mixture. A superior mixture. Pkg. 10c; 1/8 oz. 25c

Harmony. (Early Flowering Strain.) In our trials this foot high plant was literally covered with dark maroon flowers with orange crests from early summer until frost. Pkg. 15c; 1/4 oz. 50c

Flash. Silver Medal Winner, 1945. The name Flash is descriptive of the bright combination of colors, especially good in the fall when cooler weather comes. These colors range from vivid red through bronze with some yellow flowers. Blooms are 1 1/2 inches and more across and are borne profusely on bushy, 18-inch plants from early August until frost.

Seed, 15c per pkg.; large pkg. 45c

Legion of Honor. (Little Brownie.) A single-flowering Marigold about 9 inches high; blooms in June and continues until late frost. Flowers golden yellow, marked velvety crimson. Pkg. 10c; 1/4 oz. 30c

Naughty Marietta. Large, 2 1/2-inch, golden yellow blotched maroon flowers borne freely on compact plants 1 foot tall. Splendid in the garden and as a cut flower.

Pkg. 15c; 1/8 oz. 45c

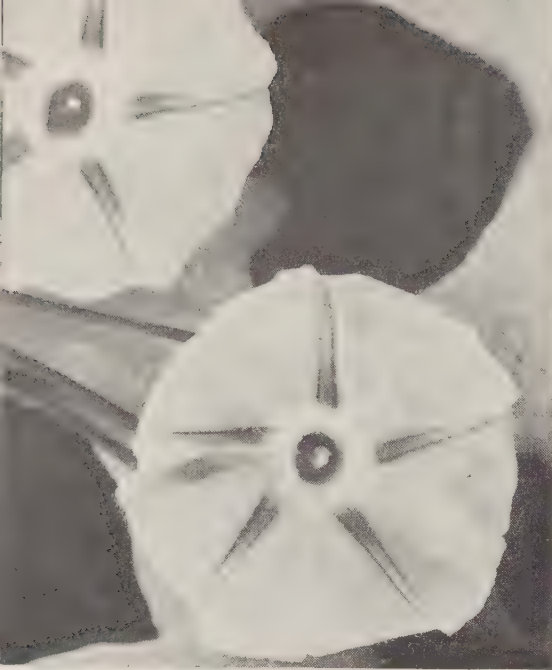
Miniature Marigolds

Butterball. All-America Bronze Medal Winner, 1942. An exquisite little jewel bearing dozens of flowers of a lovely soft butter-yellow shade. Very dwarf in habit, the plants are 6 to 8 inches in height and literally covered with 2-inch double blossoms throughout the summer. Pkg. 15c; 1/8 oz. 40c

Spry. Silver Medal, All-America, 1941. Plants bushy and thrifty growing, about 9 inches high, bearing very early in the season, double, light orange-crested flowers with maroon outer petals. Pkg. 15c; 1/8 oz. 45c

Yellow Pigmy. Dwarf, compact, 8-inch plants covered with tiny double, lemon-yellow flowers. Splendid plant for borders

Pkg. 15c



The All-America Medal-Winning Morning Glory,
Blue Star
Giant Flowers Very Early in the Summer

Myosotis Forget-Me-Not

A splendid half-hardy perennial, which should be treated as an annual, making very lovely beds and borders and delightful spots of color in the rock garden. Sow the seed in the spring for summer bloom and in the fall, protecting during the winter, for early spring flowers. The Alpestris varieties should be treated as annuals and prefer to grow in the sun. Palustris does far better in moist, shady places.

Sutton's Royal Blue (Alpestris). Compact plants 8 inches tall covered in the spring with rich, deep blue flowers. Pkg. 15c

Alpestris Rose. Plants similar to above but with rose-pink flowers. Pkg. 15c

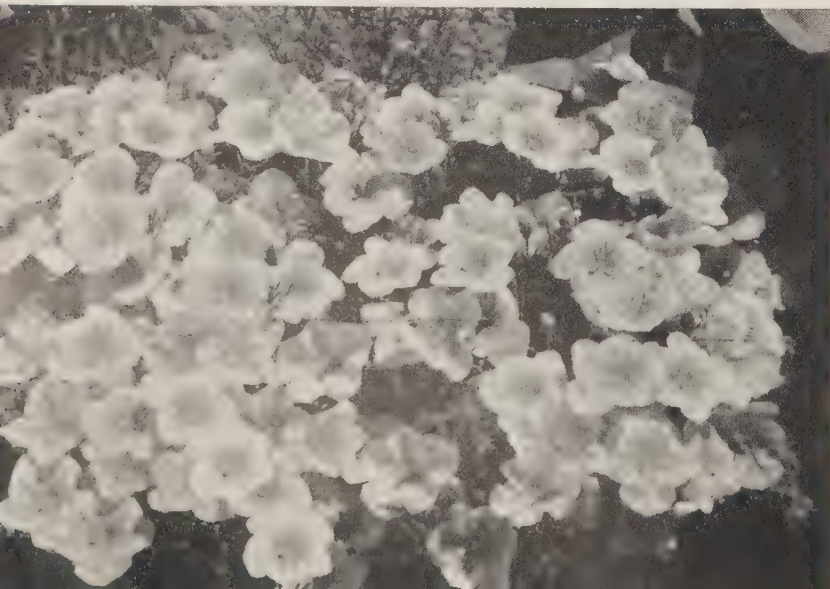
Palustris Semperflorens. Dwarf plants, 8 inches tall, covered with large, rich blue flowers with a yellow eye from early spring until fall. Splendid for borders in moist, shady places along walks, drives, or around pools. Hardy here in the North but should be renewed often. Pkg. 15c; large pkg. 50c

Nierembergia

Purple Robe. Bronze Medal, All-America Selection, 1942. A charming annual blooming 15 weeks after seed is sown. Grows about 8 inches high and produces an abundance of showy, small, cup-shaped blooms of clear deep violet-purple shades. This plant is neat, compact, extremely free flowering, with a spread of some 10 to 12 inches. Makes a grand border and edging subject.

Pkg. 25c; large pkg. 75c

Purple Robe Nierembergia—Makes a Grand Border and Edging Plant



MORNING GLORIES

Here is a group of the latest in Morning Glories—flowers are of magnificent size, yet still dainty and graceful.

Scarlett O'Hara. Entirely different from any other Morning Glory. The large carnelian-red flowers, about 3½ in. across, appear on the vine early in the season, about 65 days after seed is sown, and remain until frost. Blossoms stay open all day long. The vine makes an abundance of clean, rich dark green foliage. The foliage is "halberd" shaped rather than the heart shaped leaves of most Morning Glories. Pkg. 15c (will make a 15-ft. row); ¼ oz. 50c (for a 60-ft. row).

Blue Star. All-America Winner. A new color in Giant Morning Glories, a distinct shade of clear sky-blue accentuated by the fine deeper blue midribs to form an attractive star; a truly outstanding and most attractive shade. The flowers are of great size, being larger and earlier than the ever-popular Heavenly Blue, they average from 4 to 4¼ inches in diameter and are borne in great profusion. One of the most notable characteristics of this Morning Glory is the fact that the flowers remain open well into the afternoon on cloudy days. Pkg. 15c (will make a 15-ft. row); ¼ oz. 50c

Moonflower. Night blooming. Giant white. Covered with large white flowers every evening and cloudy day from July until frost. Quick growing; climbs 15 ft. and more high, with luxuriant foliage which provides splendid shade. Pkg. 15c; ¼ oz. 35c

SURPRISE GARDEN FLOWER SEED

Here we offer a mixture of many easy growing annual flowers that can be sown broadcast, and with practically no care at all will produce a bright effect. Especially adapted for sowing in fence corners or along the fence, for borders, or any place that can have but little care and needs brightening up. Scattered broadcast along a path-way or drive, the flowers give color to dull places.

Lg. pkg. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50



TWIST-EMS. See page 60.

Heavenly Blue, Hart & Vick's Early-Flowering Strain. This beautiful blue Morning Glory has attracted much attention and has been greatly admired by many people. The vines make a growth of 15 feet or more, are covered with splendid light green foliage, and show, from July until frost, masses of pure sky-blue flowers delicately shading to white in the center. Pkg. 15c (will make a 15-ft. row); ¼ oz. 35c (for a 60-ft. row); oz. 95c

Pearly Gates. This annual climbing vine won the Silver Medal of the All-America Selection in 1942. The vine grows rapidly to a height of 15 ft. or more and bears fair quantities of lustrous white trumpet shaped flowers with creamy shadings in the throat. The flowers are large, about 4½ inches in diameter and in bloom from July to frost.

Pkg. 15c (will make a 10-ft. row); ¼ oz. 50c

Giant Flowering Mixed. Spotted, marbled and striped, snow-white to black-purple. Beyond question, the largest and brightest flowering of the class. Of the easiest culture, and can be sown in the open ground in a sunny position when the weather has become warm and settled. They soon cover a large area. The flowers are of gigantic size, and their colorings beautiful beyond description. The self or solid colors range from snow-white to black-purple, with all the possible intermediate shades. There are also an endless number having flowers spotted, marbled, striped, flaked, splashed, etc. Pkg. 10c; oz. 35c

Flag Mixture of Morning Glories.

Red, white and blue—a patriotic combination of giant flowering Morning Glories. Give them a prominent place in your garden this season.

Pkg. 15c; large pkg. (enough seed to make vines to cover a 30-foot fence or trellis) 35c.

Nemophila

Baby Blue Eyes

Insignis. An easily grown, very satisfactory early flowering annual bearing bright blue flowers on sturdy plants 6 to 8 inches high. Splendid in the rock garden, rock wall and for edging. Pkg. 10c; ¼ oz. 30c

Nemesia

Triumph Hybrids. Low growing, 7-inch plants for beds and borders, bearing, from midsummer until frost, cream, orange, yellow, crimson and orange, miniature, orchid-like flowers tipped with other colors. To get them into bloom in mid-summer start the seed indoors in early March and put the plants out in the garden when danger of frost is past.

Pkg. 15c; large pkg. 50c

Sutton's Royal Blue Forget-Me-Not



NASTURTIIUMS

Semi-Dwarf Double Fragrant Kinds

A very popular type of robust plant that throws out short runners and carries its double sweet-scented blossoms on long stems well above the foliage. The flowers are very large, exquisitely sweet scented, semi-double and double. Splendid for broad borders, beds and as ground cover. Valuable for cutting as flowers keep a long time.

Golden Gleam. Full double, pure golden yellow blooms which are sweetly scented. Gold Medal, 1933 All-America Selections. Extra fine.

Mahogany Gleam. Dark mahogany red, very double fragrant flowers. Darkest of all Nasturtiums.

Orange Gleam. Deep orange, double, very fragrant flowers with a mahogany zone at the base of the upper petals.

Scarlet Gleam. A very vivid flower that puts a spot of color in any garden. A fiery orange-scarlet, very sweet scented.

Supreme. Salmon-cerise double sweet-scented flowers.

Glorious Gleam Hybrids. Blooms sweetly scented, with colors varying from cream-yellow to deep golden yellow, orange, cerise, salmon, crimson and others with spots and markings. Award of Merit, 1935 All-America Selections. Mixed colors.

Any of Above: Pkg. 10c; oz. 35c; 1/4 lb. \$1.00

Dwarf Double Fragrant Kinds

Giant double, very sweet-scented flowers are freely produced on long stems that make them not only a splendid garden flower but invaluable as a cut flower for house decoration. The plants are very thrifty growing, compact, rounded and covered with flowers for a very long season.

Golden Globe. Blooms are pure golden yellow, exceedingly large, double and semi-double. Received Award of Merit in 1936 All-America Selections.

Mahogany Globe. Large double flowers of dark mahogany-red.

Orange Globe. Clear orange flowers, double and sweet scented.

Scarlet Globe. Double scarlet flowers.

Mixture. A careful blending of several colors of the dwarf globe type of fragrant Nasturtiums.

Any of above: Pkg. 10c; oz. 35c; 1/4 lb. \$1.00.

Single-Flowering Varieties

Hart & Vick's Tall Nasturtium Mixture. This is a special mixture of giant-flowering kinds in the brightest colors—fiery crimson, scarlet, bright yellow, maroon, carmine-rose, salmon and cream.

Pkg. 10c; oz. 30c; 1/4 lb. 90c; lb. \$2.75

Hart & Vick's Special Dwarf Mixture. We offer these low-growing Nasturtiums in a special mixture of brilliant colors which we believe cannot be surpassed.

Large pkg. 10c; oz. 30c; 1/4 lb. 90c; lb. \$2.75

Giant Exhibition Pansies



Golden Globe Nasturtium

Nicotiana

(Sweet-Scented Tobacco)

Star-shaped tubular flowers that are particularly fragrant during the late afternoon and evening after sunset. The plants grow 2 to 3 feet high and are easily raised from seed.

Affinis. An annual, with sweet-scented pure white, star-shaped flowers 3 inches across, borne continually. Height 2 to 3 feet.

Pkg. 10c; large pkg. 35c

Crimson Bedder. Carmine-crimson, a most striking color and one which becomes more pronounced when contrasted with the white variety, *N. affinis*. The plants are about 20 inches high. They succeed in the garden or in pots for indoor blooming.

Pkg. 15c; large pkg. 45c

Daylight Sensation Mixture. A new and most unusual *Affinis* *Nicotiana* whose blooms remain open during the daytime. The 3-foot plants are very free flowering, bearing large flowers in bright scarlet, crimson, rose, mahogany, violet, yellow, coral, lilac and white. A much better range of color than the older *Affinis* Hybrid Mixture. Pkg. 15c; 1/8 oz. 45c

Rock Garden Mixture of Annual Flowers

A mixture of seed of many kinds of low-growing, long-blooming, annual flowers to scatter broadcast in your rock garden. They will bloom from early summer until late fall. Work plenty of peat moss in and around the plants. The results will please you.

Rock Garden Annual Mixture.

Pkg. 20c; 1/4 oz. 45c; 1/2 oz. 75c

Nicotiana—Sweet Scented Tobacco

Hart & Vick's Giant Pansies

There are three seasons when you can successfully sow Pansy seed. Start it in the house in February or March and it will make plants that, when transplanted to the garden, will bloom from July till frost. Sow seed outdoors in April and May, and the plants will bloom in the fall. Sow seed in cold frames during July and August, and transplant later to the garden; they will bloom the following spring. The largest and finest flowers are grown on a rich, well drained soil, in a sunny position in your garden.

Four Splendid Color Mixtures

America. The seed of this Pansy, noted for its large size, beautiful form and marvelous range of color, is grown right here in this country. Plants are thrifty, compact growing and bear giant, long-stemmed flowers early in the season. Pkg. 25c; large pkg. 75c

Rogli Special Mixture. Giant size, brilliantly colored flowers held erect on long, sturdy stems. The rich colors and great substance of the petals make this a magnificent Pansy mixture. Pkg. 25c; large pkg. 75c

Trimardeau Mixture. This is a very popular Pansy for beds and borders, for where it lacks size of flower it does have a wide range of color. Some of the blooms are self colors such as pure white, pure yellow, lavender, etc., others are prettily blotched. The plants are very robust and compact in growth and unusually free blooming. Pkg. 15c; large pkg. 50c

H. & V. Giant Exhibition. Needless to say, this mixture, made up, as it is, of the many colors and shades of Mastodon varieties, has no superior among Pansy mixtures. It will make wonderful borders and beds in the garden. The finest strains of named varieties are put together to make the most beautiful combinations of color. Long stems, fine for cutting. Pkg. 25c; large pkg. 75c



Celestial Rose is a Lovely Petunia for Beds and Borders

Gold Medal Winning Petunia, Fire Chief

(Pictured in color on the front cover of this book.)

Brilliant scarlet-red flowers on low compact growing plants. Blooms all season long. Pkg. 25c; large pkg. 60c

All-Double America. Medal Winner, 1945. First Double Petunia created in America. Erect plants 18 in. wide and 1 ft. high, bearing 100% double Carnation-type rose-pink flowers 2 1/4 in. across. Foliage is smaller than in other Petunias and not nearly so sticky.

Pkg. (100 seeds) 50c; 1000 seeds \$3.50

"Glorious" Mixture of Double Petunias

Our strains of double-flowering Petunias are unsurpassed. Our trials have proved this to our complete satisfaction. Double Petunias require careful culture—remember that the smaller, crumpled seedlings produce the finest flowers. A wonderful assortment of beautiful colors, ranging from pure white to deepest violet. Plants sturdy, compact, about 14 inches tall, and bear quantities of bloom.

In originator's pkts., 125 seeds 90c

"Glorious Mixture" of Double Petunias



PETUNIAS

They Bloom All Summer

SINGLE FLOWERED BEDDING PETUNIAS

Admiral. Large, rich violet-blue flowers with waved petals. This is the best of the dark blue Petunias of medium size.

Pkg. 25c; large pkg. 75c

Blue Bedder. The color of Jersey Gem Viola. A lovely color in a good sized flower, borne profusely on plants 18 inches high.

Pkg. 15c; large pkg. 50c

Blue Heaven. A particularly good strain of this most popular light blue Petunia. Grows 12 inches high.

Pkg. 15c; large pkg. 75c

Burgundy. A deep red contrasting boldly with a snowy white throat. Difficult to combine with other colors, but make splendid specimen plantings. Plant robust growing, 18 inches high.

Pkg. 25c

Celestial Rose. The brilliant rose-pink flowers are of large size, with wide open trumpets and indistinct cream throats. Plants are thrifty, compact and about 15 inches high. This Special Strain of Celestial Rose is a most prolific bloomer. Quantities of flowers from early summer until frost.

Pkg. 25c; 1/16 oz. 85c; 1/8 oz. \$1.40

Elk's Pride. Very large deep violet-purple flowers. Best of all purples.

Pkg. 25c

Flaming Velvet. Large dark velvety scarlet flowers that attract admiration everywhere. Plant healthy, 20 inches tall; blooms abundantly.

Pkg. 15c; large pkg. 50c

Howard's Star Improved. The best strain of this lovely variety we have ever had in our Trial Grounds. Bright rosy crimson flowers marked with a white star.

Pkg. 15c; 1/16 oz. 45c

Ingloo. Bronze Medal All-America, 1943. The very best low-growing, medium flowered white Petunia. Ideal for borders, edging, window boxes and urns. Blooms early and continues until frost.

Pkg. 15c

King Henry. Large, rich velvety red flowers on uniformly low-growing, compact plants.

Pkg. 15c; large pkg. 55c

Radiance. Silver Medal Winner, 1941. Rich cerise-rose flower of good size, the brilliance intensified by underlying salmon. Golden yellow-brown veined throat.

Pkg. 25c; large pkg. 75c

Rosy Morn Improved. A greatly improved type of that great favorite pink Petunia with the white throat. Grows 15 inches high.

Pkg. 15c; 1/16 oz. 45c; 1/8 oz. 80c

Hart & Vick's Mixture of Bedding Petunias

This is a careful blending of a great many varieties of low growing Petunias, having a wide range of color. We make this mixture right here in our own warehouse, insuring you a rainbow color range that cannot be excelled.

Pkg. 15c; large pkg. 45c

RUFFLED AND FRINGED PETUNIAS

Fringed Snowstorm. Well deserving of all the attention it attracts, this giant wavy petalled pure white flower easily holds its place at the head of the list of large white Petunias. Not only is Snowstorm most beautiful in the garden when used in combination with other flowers, or in solid beds by itself, but is also a lovely flower to cut for bowls and vases for the house. Use Snowstorm freely in your planting plans. The sturdy 18-inch plants bear these giant flowers in profusion all summer long.

Pkg. 25c; large pkg. \$1.00

Glamour. Honorable Mention, All-America Selections. Easily the most striking Petunia grown. Outstanding salmon-rose coloring, delicately veined brown, with cream and bright apple-green throat. Blossoms are 5 to 6 inches in diameter and heavily ruffled. Strong, thrifty plants with a wealth of foliage, grow about 18 inches tall and bloom continually from early summer until frost.

Pkg. 25c; large pkg. \$1.00

Little Giant Mixture. We are proud to offer this new type of Petunia. The 8-12 inch tall plants remain so neatly compact and erect all season it is sure to be a favorite for bedding and pot plants. The medium sized, well ruffled and waved, deep throated flowers continue to keep the plants completely covered. The unusually attractive colors range through almost every imaginable shade and combination of marking. A pleasing balance of light and dark shades.

Pkg. 25c; large pkg. \$1.00

Dwarf California Giants. Largest of all Petunias. A splendid new low growing, giant, ruffled flowered Petunia that comes in many beautiful colors, with wide open mouth, and wonderfully veined and feathered throats. Of free flowering habit and dwarf growth.

Pkg. 25c; large pkg. \$1.00

Ruffled Giant Mixture. This is as fine a strain as can be had anywhere, coming in a wonderful variety of colors, ranging from pure white veined with lavender, crimson, rose, and gold to the almost black, velvety crimson-maroon flowers with its threads of white, yellow, lilac, and rose. Every color and combination of tints and colors is represented.

Pkg. 25c; large pkg. \$1.00

Theodosia. Deep golden throated, large ruffled, single rose-pink. Grows about 18 in. tall bears abundance of flowers and is a variety for everyone's garden.

Pkg. 25c



Dwarf California Giant Petunias

Balcony Petunias Mixed Colors

A very large flowering type used for window and porch boxes, hanging baskets, also make splendid large beds and tall wide borders.

A splendid mixture of varieties giving a good depth of color.

Pkg. 25c; large pkg. 50c



Fringed Snowstorm Petunias are Very Lovely

Hart & Vick's ANNUAL PHLOX

This is one of the most brilliant and at the same time one of the easiest and most satisfactory plants readily grown from seed. It will grow and thrive in any kind of soil if given a sunny location, but prefers a light, rich loam. Seed may be sown in the open ground any time after danger from frost is past, and in a few weeks they are a sheet of bloom, remaining so until frost.

Tall Large Flowering Phlox

(Phlox Drummondii Grandiflora)
Many-branched, 15-inch plants bearing large flower clusters in brilliant colors.
Flesh-Pink **Scarlet** **Yellow**
Rose **White** **Violet**

Mixed Colors

Any of above: Pkg. 15c; 1/8 oz. 65c

Dwarf Annual Phlox

Low growing, 6 inch, compact plants covered with large flowers in brilliant colors from white through pinks, blues, violets to the deepest reds, all season long.

Pkg. 20c; 1/8 oz. 70c; 1/4 oz. \$1.25

Giant Flowering Phlox

Very large individual florets often 1 1/2 in. across, on strong, 10-inch plants. A much improved strain of this favorite flower.

Red Glory. Brilliant red with large cream eye.

Rosy Morn. Deep rose-pink with white eye.

Salmon Glory. Rich salmon with a cream eye.

Each of above:

Pkg. 15c; 1/8 oz. 75c; 1/4 oz. \$1.25

Starred and Fringed

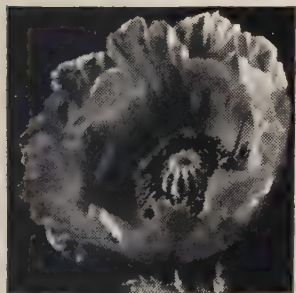
Brilliantly colored flowers with fringed and pointed petals, many artistically starred. 1 ft. high. Splendid color mixture.

Pkg. 15c; 1/8 oz. 65c; 1/4 oz. \$1.15



Giant Flowering Annual Phlox, Red Glory

Hardy Perennial Poppies



Scarlet Oriental Poppy

ORIENTAL. Nothing excels these giant perennials for gorgeous display in the garden during May and June. Their large flowers and freedom of bloom make them conspicuous whether planted singly or in masses. Sow the seed early in April. The plants disappear during July and August, appearing again when the weather is cool. When fall growth starts, transplant to their permanent bed.

SCARLET. Gorgeous orange-scarlet.

Pkg. 15c

HYBRIDS, MIXED. A good mixture of many of the Oriental Poppies.

Pkg. 15c

Annual Poppies

American Legion. The giant orange-scarlet flowers of this Shirley Poppy, held erect on long, strong stems, make it a splendid sort for beds and for planting among the shrubbery.

Pkg. 10c; 1/4 oz. 25c; 1/2 oz. 40c

All-Double Shirley. Many silky petals, the inner rows fluted and frilled. The same range of brilliant colors as the Single Shirleys.

Pkg. 10c; 1/4 oz. 25c; 1/2 oz. 40c

Shirley, Mixed. These are by far the best of all Single Poppies. They range in color from the purest white to the deepest crimson and blood-red, through all the intermediate shades of pale pink, rose, and carmine. Many are daintily edged and striped, and so varied are their colors that rarely are any 2 flowers alike.

Pkg. 10c; 1/4 oz. 25c; oz. 70c



All-Double Shirley Poppy

ICELAND POPPY

(Papaver Nudicaule)

A hardy variety. Charming in the rock garden and border where they show their brilliant flowers in the early summer. Will flower the first year if the seed is sown early. Grow 18 inches tall.

KELMSCOTT STRAIN OF ICELAND POPPIES MIXED. The flowers of our new Kelmscott strain are larger than we have ever seen on any variety of Iceland Poppy, often measuring as much as 3 inches across. The color range leaves nothing to be desired.

Pkg. 15c; large pkg. 60c

Grow a Few Midget Watermelons This Year—You Will Enjoy Them



Sensation Pentstemon

PENTSTEMON

(Bearded Tongue)

SENSATION MIXTURE. Large, graceful spikes of Gloxinia-like flowers often 2 inches across, in the most unusual and brilliant colors, many edged, blotched and veined with a contrasting color. The plant grows about 2 feet tall and is in bloom from July until frost. Sow the seed indoors in February or March and move outside when weather is warm. Hardy and will bloom the first year.

Pkg. 15c

Portulaca Make a Splendid Plant for Low Borders

Portulaca - Sun Plant

Does Particularly Well in Hot, Dry Places

This charming little hardy annual is unrivaled for brilliancy. Nothing is prettier for beds, edging, and rockwork, and it is frequently used to sow broadcast over sunny banks, etc. As an undergrowth for taller plants it is also valuable. The seed does not germinate until hot weather, and should be sown late. Flowers richly colored, and produced all summer. Average height 6 inches.

Double Flowering Mixed Colors. Fiery double, roselike flowers in many brilliant colors.

Pkg. 15c; 1/16 oz. 50c; 1/4 oz. \$1.45

Single Flowering Mixed Colors. Single flowers in many bright colors.

Pkg. 15c; 1/8 oz. 50c; 1/4 oz. 85c





Starlight Rudbeckia is excellent for garden display and fine for cutting.



Brilliantly colored Daisy-like flowers of Single Pyrethrum are splendid for cutting.



Globe of Fire Salvia—blooms from early summer until frost.

Primula - Primrose

Polyanthus, Giant Mixed. Clusters of very large flowers in brilliant orange, yellow, cream, white, pink, rose, crimson, purple, blue, etc. Splendid for beds and borders. Prefers a moist, shady spot. Blooms in April and May. Pkg. 25c

Pyrethrum

(Painted Daisies)

This beautiful perennial is so easy to grow, so perfectly hardy, and so satisfactory in every way that it deserves a liberal amount of space in every garden. Nothing can surpass Pyrethrum in profusion of flowers in June and in the fall. The blossoms are not injured by rain or sun, and their long, stiff stems and unusual keeping qualities make them ideal as cut flowers. Height 18 inches.

Roseum Hybridum. Both double and single flowers in many bright colors in this mixture. Pkg. 25c; large pkg. 75c

Single Flowering Mixed Colors. Large single, daisy-like flowers with long, narrow petals and borne very freely throughout the spring on wiry stems 2 feet tall. Mixed colors. Pkg. 15c

Ricinus - Castor-Oil Plant

Annual plants desirable for screens or the center of beds because of their large growth and tropical appearance.

Zanzibarensis. Leaves often 2½ feet across, marked with brown and purple spots. Pkg. 10c; oz. 25c

Rudbeckia - Coneflower

Starlight. Large flowered, semi-double and full double annual flowering Rudbeckia. Very free blooming. Colors from primrose-yellow to mahogany and bicolor flowers with mahogany-red centers. Branching plants grow about 3 ft. tall. Pkg. 15c; ½ oz. 50c

Salpiglossis - Velvet Flower

Hart & Vick's Finest Mixture. If you do not know this beautiful trumpet-shaped annual, you should grow it this year. The petals are velvety in texture and richly marked with crimson, primrose, yellow, blue, purple, white, overlaid and striped with gold and silver. They are showy and beautiful beyond words. The plant grows readily in sandy soil and partial shade, blooms early and all summer. It deserves a place in every garden. Height 2½ ft. Blooms July till frost.

Pkg. 15c; ½ oz. 35c; ¼ oz. 60c

Scarlet Runner Bean

A great favorite in England and Europe, not only as an ornamental climber, but for the delicious edible Beans which succeed the sprays of bright scarlet, pea-shaped blossoms.

Pkg. 15c; ½ lb. 35c; 1b. 65c

SALVIA

(Scarlet Sage)

The brilliant flowers of this popular annual on long, stately spikes standing well above the foliage, are borne until frost and give this plant a prominent place in every garden. Extensively planted in flower beds and as a border plant. For early bloom start seed in boxes or under glass in February and March and transplant when all danger of frost is past. For August flowers sow the seed outdoors in the garden and thin plants to stand 6 inches apart.

America or Globe of Fire. Grows 16 inches high and blooms early, freely and continuously. Very uniform in form and height, it is particularly valuable for bedding and for borders.

Pkg. 25c; ½ oz. \$1.00

Bonfire or Clara Bedman. Grows 24 inches. Dense, dark green foliage on erect, sturdy, globe-shaped plants. The flowers are large and of unusually bright scarlet-red. An old favorite Salvia. Pkg. 25c; ½ oz. \$1.00

St. John's Fire. Low growing, compact, upright plants, 10 inches tall, covered from early August until frost with brilliant scarlet flowers.

Pkg. 25c

Rose Flame. A new rich coral-pink Salvia that starts blooming in July and continues until late fall. Vigorous, uniform in height, 24 inches.

Pkg. 25c

BLUE BEDDER. Extra large, deep blue flowers on stems about 2 feet high. Very fine for garden use and for decorative purposes indoors. While it is considered an annual, it will live through the winter if protected.

Pkg. 25c; ½ oz. 75c; ¼ oz. \$1.35



Ricinus or Castor Oil Bean

Schizanthus

(Butterfly Flower)

This dainty and very pretty annual flower is very quick to bloom, the seed making plants that in a few weeks are so covered with delicate and charming blossoms, all blotched and marked in contrasting shades and colors, as to completely hide the foliage. Sow in the early spring for garden plants.

New Giant Hybrids. Unusually large flowers in a fine mixture of colors. Plants are very free blooming. Height 2 to 2½ feet.

Pkg. 20c; large pkg. 75c

Shasta Daisy

Conqueror. One of our most popular perennials that grows well and blooms abundantly in almost any situation. This greatly improved type has giant, pure white flowers 4 to 5 inches in diameter on stems 2 to 2½ feet long.

Pkg. 15c; large pkg. 35c



Trumpet-like, velvety petaled flowers of Salpiglossis in bright colors veined silver and gold.



A most attractive corner in your garden is where your Shasta Daisies are blooming.

Hart & Vick's SCABIOSA

This annual deserves a space in your garden. It is very easily and quickly grown, blooms very freely during the summer and fall, and is one of the finest of all cut flowers for the house. Average height 1½ feet. Sometimes called Pincushion Flower because the stamens in many colors are very prominent and resemble somewhat pins in a pincushion. This strain we offer is much better than ordinary Scabiosa. Through years of careful selection the size and color of the flower and the length of stem have been improved.

Azure Fairy. Large, azure-blue flowers with pale blue stamens.

Fire King. Fiery scarlet.

Rosette. Salmon-rose; double, very large.

Peach Blossom. Large, peach-blossom-pink.

Salmon Beauty. Very large rich salmon.

Shasta Improved. Pure white, 3½ inches across.

Each of the above, pkg. 15c; ¼ oz. 35c

Giant-Flowering Mixture. We make this blend right here in our plant from 6 named kinds, insuring you a splendid range of color.

Pkg. 10c; ⅛ oz. 25c; ¼ oz. 40c

THREE NEW SCABIOSA

Larger ball-shaped flowers in brighter colors on longer, stronger stems.

Black Knight. Outstanding very dark maroon-red.

Pink Beauty. Clear soft pink. Very large, well-formed flowers.

Oxford Blue. A deep rich tone of blue never before seen in Scabiosa.

Each of the above, pkg. 20c; 2 pkgs. 35c

SCOTCH MARIGOLD

(*Tagetes signata pumila*)

Gnome. A compact, bushy, dwarf plant covered with golden yellow flowers; foliage fernlike, a beautiful green. Splendid for beds and borders. Height 8 inches. Blooms from early summer to frost.

Pkg. 10c; ⅛ oz. 45c

STATICE

(Sea Lavender)

Sinuata. The annual Statice is a very charming flower in the garden and when cut and dried for winter bouquets it retains its true color. Height 18 inches.

Mixed Colors. A good mixture of the popular colors.

Pkg. 10c; ¼ oz. 25c

LATIFOLIA. A splendid, hardy perennial Statice growing 2 feet high and bearing, all summer long, panicles of minute lavender flowers which can be dried and used for winter bouquets.

Pkg. 10c; large pkg. 45c

Stock, Early Giant Imperial

Hardy Perennial Scabiosa

CAUCASICA, GIANT HYBRIDS, ISAAC HOUSE STRAIN. Giant flowers whose petals are crinkled and ruffled and whose color range is from white to the darkest blue, with delicate lilac and mauve predominating. A magnificent new strain of hardy Scabiosa whose giant flowers on very long, strong stems, make it ideal both for garden decoration and for cutting. Grows 30 inches high and blooms all summer long.

Pkg. 25c; large pkg. 75c

COLLECTION of Seven Scabiosas

Blue	Black	Pink	Rose
Salmon	Scarlet	White	

1 pkg. of each for 85c



Statice Sinuata for Winter Bouquets



Oxford Blue—One of the New Giant Scabiosas

STOCKS - Gilliflower

The best way to grow these plants successfully, is to start the seed indoors early, in boxes or pots, and transplant to the garden when danger of frost is past. If you can't do this, sow the seed outdoors in the garden early, in a rich, rather light loam soil, mixed with peat moss and well-rotted manure. Stocks require cool growing weather to blossom well.

Early Giant Imperial Stocks

Plants about 30 inches high, branching in habit and bearing long spikes of double flowers. Desirable for both the garden and the greenhouse.

Mixed Colors. Pkg. 15c; large pkg. 50c

Ten-Week Stocks

This is the favorite class for outdoor growing. The dwarf, compact plants, 12-15 inches tall, come into bloom earlier than other types

Blood-Red
Bright Pink
Deep Cream
Rich Rose

Lavender
Pansy-Violet
White

Any of above kinds: Pkg. 15c; ⅛ oz. 50c

Collection: One package each of the above—7 pkgs. for 85c.

Mixed. Many colors. Pkg. 10c; ⅛ oz. 45c

Sweet William Makes a Splendid Display

SWEET WILLIAM

A well known, attractive, free-flowering hardy plant, bearing in the early summer flowers of rich and varied colors that make a splendid show in beds and borders. Height 1 to 1½ feet. May to June.

Divide Sweet William plants every year and they will continue to live, thrive and bloom.

PINK BEAUTY. Strikingly beautiful salmon-pink flowers on massive heads 18 inches high. For mass planting it is very effective.

Pkg. 10c; ⅛ oz. 50c

SCARLET BEAUTY. A very effective, rich, deep scarlet variety.

Pkg. 10c; ⅛ oz. 50c

WHITE GIANT. A new pure white with flowers almost twice the size of the ordinary variety.

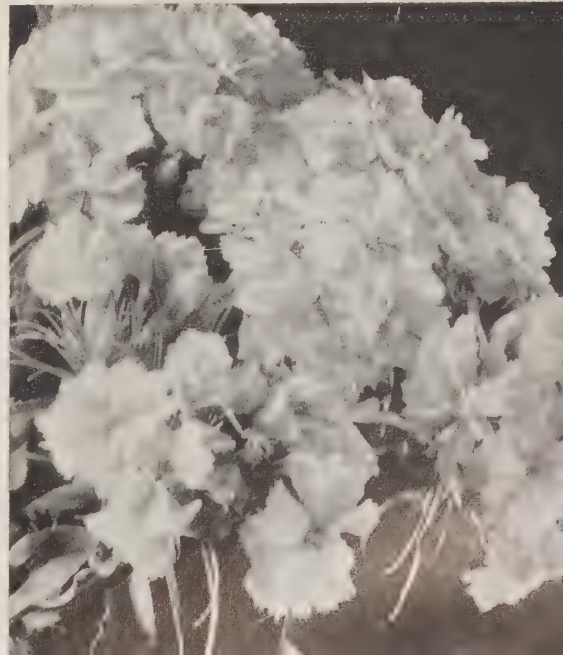
Pkg. 10c; ⅛ oz. 50c

DOUBLE, MIXED. Double flowers in a splendid mixture of colors.

Pkg. 10c; ⅛ oz. 50c

HOLBORN GLORY. A large-flowered variety with a superb range of color, all showing a clear white eye.

Pkg. 10c; ⅛ oz. 50c



NEW CUTHBERTSON STRAIN

of Spring Flowering Sweet Peas

Will Bloom All Through the Hot Weather of Summer

The chief characteristics of this wonderful new class of Sweet Peas are great vigor, profusion of large, fragrant blossoms, extra long stems, clear beautiful colors and ability to produce giant flowers out-of-doors, even in hot climates and during hot weather here in the North.

Carol. Clear pink on white ground.

Coline. Vivid, intense scarlet.

Danny. Brilliant deep marine-blue.

Evelyn. Soft salmon-pink.

Frank G. Fine, soft, rosy lavender.

Hazel. Clear light blue.

Janet. Frilled flowers pure white.

Kenneth. Crimson, very fragrant.

Liza. Rich dark maroon.

Lois. Rose-pink. Silver Medal.

Marion. Cream. Black-seeded.

Tommy. Clear medium blue.

Any of the above: Pkg. 15c; oz. 65c

Collection: 12 pkgs. for \$1.60. One each of the above 12 kinds.

Mixed. A careful blend of the 12 named kinds at left made right here in our warehouse to insure your getting a wide range of color. Pkg. 15c; oz. 65c



Nitragin Makes for Better Sweet Peas

A 15c package will treat a pound of seed. Just dust the seed, and plant. Order it now.

ORCHID-FLOWERED SWEET PEAS

Choice Spencer Varieties

From the long list of Sweet Peas of this wonderful Orchid-Flowering class, we have selected fifteen which in our judgment and experience are the best for the garden. New kinds, if they are better than the ones now on our list, will be added as they are produced. One package will plant a row about 10 feet long; an ounce about 35 feet.

Ambition. Large, waved, lavender.

Avalanche. Glistening pure white.

Barbara. Lovely rich salmon.

Bonnie Briar. Large rose-pink.

Charming. Rosy cerise.

Daffodil. Rich deep cream.

Flagship. Amethyst-blue.

Leviathan. Rich maroon.

Miss California. Salmon, cream and pink.

Pinkie. Deep pink.

Pirate Gold. Rich golden orange.

Powerscourt. Waved soft lavender.

Red Boy. Long-stemmed rich crimson.

Royal Purple. The very best purple.

Sunkist. Cream petals edged rose.

Each of the above named Sweet Peas:
Pkg. 10c; oz. 35c; 1/4 lb. \$1.00

Collection: One package each of the above—15 varieties for \$1.25.

Early Flowering Sweet Peas

These Sweet Peas have the large, waved and frilled, long-stemmed flower of the Spencer type, but bloom a month early. If you will keep them picked they will flower for three months. Plant them early. They are particularly adapted for growing under glass during the winter and for outdoor growing in the southern part of the country.

Ball Orange. Rich deep orange.

Ball Rose. Improved rich rose.

Bridesmaid. Large flowered, silvery pink.

Harmony. Early blooming clear lavender.

Hope. Just about the finest pure white.

Mrs. Hoover. Splendid clear blue.

Shirley Temple. The new giant rose-pink.

Top Sergeant. Rich, vivid scarlet.

White Harmony. Glistening white.

Each of the above Sweet Peas:

Pkg. 15c; 1/2 oz. 35c

Early Flowering Mixed. A splendid mixture of all the above kinds and many others.

Pkg. 10c; 1/2 oz. 35c; oz. 65c; 1/4 lb. \$2.00

Exhibition Mixture SPENCER SWEET PEAS

This mixture contains the best of the named varieties, giving an extremely wide range of color. You will find it the loveliest blend of colors imaginable. A single package will give you a display about 7 feet long, but for a perfect garden planting, you should have not less than an ounce of this mixture which will plant a single row about 25 feet long.

Pkg. 10c; oz. 30c; 1/4 lb. 90c; lb. \$3.00

Blue Ribbon Collection of SPENCER SWEET PEAS

9 packages for 65c.

Avalanche. White.

Sunkist. Picotee.

Pinkie. Pink.

Charming. Cerise.

Pirate Gold. Golden orange.

Leviathan. Maroon.

Flagship. Blue.

Royal Purple. Purple.

Powerscourt. Lavender.

One package each of the above 9 varieties

—a garden full of Sweet Peas—for 65c.

A Mixture of Giant Ruffled Sweet Peas

Large flowers so much ruffled as to appear double. The stems are long and strong, and generally carry three, and many times, four flowers. We offer you these Ruffled Sweet Peas in a mixture of lovely colors in a very wide range. We feel sure that it will please the most critical gardener.

Pkg. 15c; oz. 35c; 1/4 lb. \$1.00

'TWIST-EMS'

Tie Plants Up Easily

See page 60.

Fragrant
Spring Flowering
Sweet Peas

VICK'S ILLUSTRATED MAGAZINE FOR JANUARY, 1886

Never Heard of This Before

"For fixing or holding the surface of embankments of light soils, there is nothing better than Double Poppy. Scatter the seed over the surface, and it will germinate in a few days, and in two weeks its roots will begin to hold the soil, and will finally interlace, forming a strong network. The plant reseeds itself after the first year."

JAS. VICK.



NEW!
DIFFERENT!

Weatherized TRELLIS NETTING

Ideal Support for SWEET PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES Grows finer, larger flowers and vegetables. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.) Doesn't rot like string—lasts several seasons. In 3 sizes:

No. 1, 60x72 in., 65c; No. 2, 60x96 in., 85c; No. 3, 60x180 in., \$1.25.

TRAIN-ETTS



Tithonia

Tithonia - Mexican Sunflower

Avalon Earliest. This is the variety to grow where the seasons are somewhat short as it blooms a month earlier than the older kinds. Large orange-colored flowers 3 to 4 inches across, carried on stems 3 feet long. The plant is shrubby in growth, about 7 feet tall and makes a superb background for the flower garden. Pkg. 20c

Tritoma - Red Hot Poker

NEW HYBRIDS. This new race of perennial Tritomas begins flowering in May and continues to bloom throughout the fall. The giant spikes, varying in height from 2 to 4 feet, have brilliant flowers in orange, coral-red, fiery crimson, salmon-pink, and lemon-yellow.

Pkg. 15c; large pkg. 50c

Trollius - Globeflower

Golden Ball. Hardy perennial plant bearing from May to August giant globe-shaped, Buttercup-like golden yellow flowers on long stems. Pkg. 25c

Venidium - African Daisy

Fastuosum. A Daisy-like flower from South Africa. The petals are brilliant orange, with a purple-black zone at the base, forming a complete circle around the dark centers. The plants attain a height of 2 to 3 feet, and carry many long flower stems. Sow seed in warm soil, in a sunny place. Pkg. 15c

Virginian Stock

Mixed. A charming, early blooming annual especially adapted for beds and borders where its bright little flowers in red, rose and white make a splendid display all summer. Pkg. 10c; 1/2 oz. 20c; oz. 35c

We put the same top quality seed in our retail packets as we furnish the most critical florist.



Venidium is Called African Daisy

VIOLA - Tufted Pansy

No flower is more well thought of in the perennial garden than the Violas. These dainty little hardy Pansies are easy to grow and can be depended on to be in full bloom from early summer until hard frost. Lovely in beds, edgings and rockeries. If the winters where you live are too severe and the plants will not live through, grow them as an annual flower. They will bloom the first year if you sow the seed early.

ARKWRIGHT RUBY. Large flowered ruby-crimson, shaded terra cotta with a maroon center. Pkg. 35c; large pkg. 75c

BLUE PERFECTION. Bright clear light blue flowers. Pkg. 15c; large pkg. 50c

BLUE ELF. Deep violet-blue upper petals with lower ones light violet-blue, with a gold eye and black lines radiating from the center. Flowers 3/4 inch across, small dark green foliage. A perennial best treated as an annual. Seed sown in March will begin to bloom in June and continue all summer. Pkg. 25c

CHANTREYLAND. A new variety of great beauty. The color is a bright apricot, and extremely brilliant. The blooms are produced freely from spring until late autumn. Highly recommended. Pkg. 25c; large pkg. 75c

LUTEA SPLENDENS. Large clear sulphur-yellow flowers on tall strong stems, very good. Pkg. 15c; large pkg. 45c

WHITE PERFECTION. Pure white flowers with waxlike petals. Pkg. 15c; large pkg. 45c

MIXED. A splendid mixture of the best varieties. Pkg. 15c; large pkg. 45c



Viola, Blue Elf

Greatly Improved New Giant Verbena

Annual Wallflower

Early Wonder Double Mixed. We offer a greatly improved double-flowering annual kind that blooms from seed in 90 days. The colors include canary and golden yellow, brown, russet and mahoganies. Height 12 to 18 inches. Very fragrant and particularly adapted to growing in beds and for growing in pots. Pkg. 15c; 1/4 oz. 60c

New Giant Verbenas

During the past ten to twelve years wonderful improvements have been made in Verbenas. These newcomers are far finer in color, in freedom of bloom, and in habit of plant than the old sorts. They bloom prolifically from June until late frosts and are always a bright spot in the garden. Sow the seed indoors, and transplant for early flowers; for later blooms, sow outdoors in May. Height 8 to 12 inches.

Luminosa. Flame-pink, shaded with salmon, flesh and coral. Extra large.

Royal. Royal blue with a creamy yellow eye

Salmon-Pink. Rich salmon

Spectrum Red. Brilliant red without eye

White. Snowy white.

Any of above: Pkg. 15c; large pkg. 50c

Giant Verbenas in Mixed Colors. One of the finest mixtures of Verbenas that we have ever seen. It includes a large number of varieties and will give a marvelous display of colors. Especially adapted for large beds. Pkg. 15c; large pkg. 35c

THREE NEW BUSH VERBENAS

These new "Bush Type" Verbenas will rapidly become the most popular of the Verbena family. The sturdy, compact, upright plants only grow 8 to 10 inches high and the dense flower heads are closely massed across the flat-topped plants.

Roselight. Bright rose-pink with a pure white eye.

Salmon Queen. Lovely unusual shade of pinkish salmon.

Starlight. Bright mid-blue with creamy white eye.

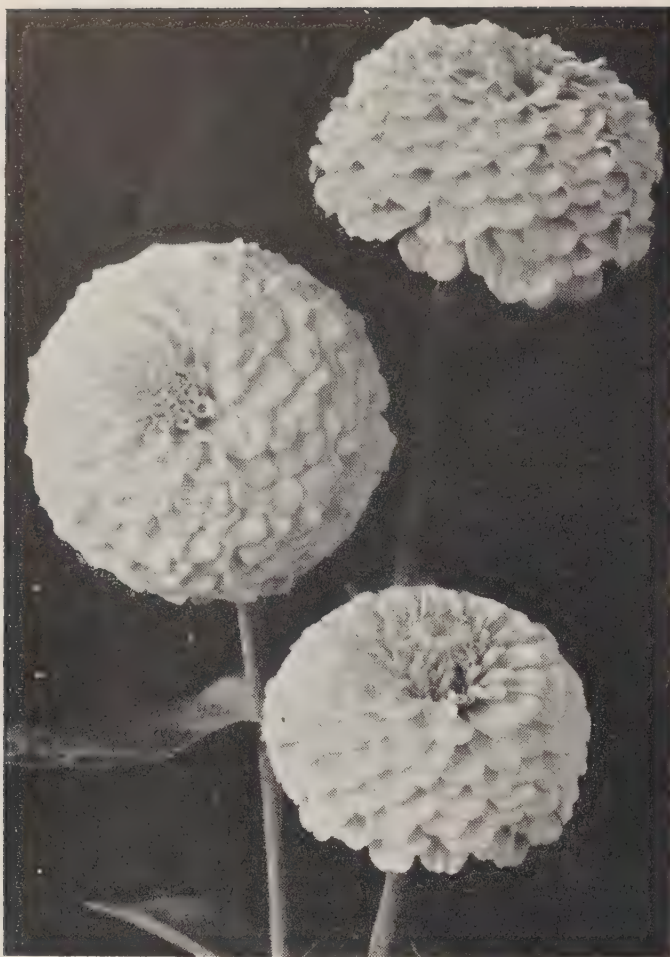
Any of above: Pkg. 25c

Collection of all three kinds, one package of each, 60c.



New Hybrid Tritoma or Red Hot Poker





Cut-and-Come-Again Zinnias are very colorful

Garden Guide. A Complete Handbook for the Amateur Gardener. A book that thoroughly covers every step from spading the ground to harvest. Flowers, vegetables, fruit, lawns, shrubs, evergreens, spraying, tools. 576 pages and over 300 illustrations. Cloth bound. \$3.50; postpaid \$3.65

Garden Flowers in Color. Four hundred flowers pictured in full color. All fully and clearly described. A great help in identifying the different flowers. 320 pages. \$2.95; postpaid \$3.10

Cut-and-Come-Again Zinnias Elegans Pumila Dwarf Double

Very double but gracefully formed flowers of medium size, about 2½ inches across. Petals of heavy texture, slightly quilled center. Stems are 15 inches long, stiff and strong. Plants thrifty, branching and bear an abundance of bloom from midsummer until frost. This is a most useful Zinnia, both in the garden for display in beds as a background to lower growing plants and for cut flowers for the house. The florist finds it the very best Zinnia for vases and baskets.

Crimson. Rich, vivid crimson flowers, many having a center or crown of quilled petals with golden yellow centers.

Pinkie. A soft rose-pink that is not found in any other type of Zinnia. A splendid florist's flower.

Scarlet. Rich brilliant scarlet; vivid intense shade. The brightest spot of color in our garden last summer.

Snowball. A good white is needed in every garden and in every bouquet of flowers.

Spun Gold. The very best butter-yellow Zinnia. One of the newer varieties that has become very popular.

Sunrise. Salmon-rose, very beautifully formed flowers on thin, strong, wiry stems. The most popular of all Zinnias with the florist.

Each of above: Pkg. 10c; ¼ oz. 45c; oz. \$1.35

MIXED A very choice blend of colors that we make right here in our warehouse, assuring you of a real rainbow mixture of colors that will please the most critical gardener.

Pkg. 10c; ¼ oz. 35c;
½ oz. 60c; oz. \$1.00

COLLECTION
of Six Cut-and-Come-Again
ZINNIAS
One pkg. each of the above 6 kinds
6 Packages for 45c

Linearis Zinnias

Linearis is a single-flowering variety. A lovely shade of golden orange, with a delicate lemon stripe through each petal, the center dark golden orange. The bushy plants, 15 inches high, carry a wealth of flowers from early summer until late fall.

Pkg. 15c; ½ oz. 45c; ¼ oz. 75c

Tom Thumb

Compact plants, 10 inches high, covered with very small, double, button-like flowers. Splendid for low beds and borders.

Pkg. 15c; ¼ oz. 60c

Mexicana Hybrida Zinnias

Charming semi-double and double flowers rich in shades of yellow, orange, red, maroon, mahogany, salmon, many bordered and tipped with yellow, cream and gold. The small 1- to 1½-inch diameter blooms are borne very freely on stiff stems that make them particularly good for cutting. The plants are vigorous growing, branching, and 18 inches tall.

Pkg. 15c; ½ oz. 35c; ¼ oz. 60c

VICK'S ILLUSTRATED MAGAZINE FOR JANUARY, 1886

Potato Culture

"Planting whole potatoes gives the best yield, according to the trials of the New York Experiment Station, half tubers next, single eyes yield least. Trials made at Rural New York grounds favor cutting to two eyes."

JAMES VICK.

Colorful Mexicana Hybrida Zinnias



Lilliput or Pompon Zinnias

These plants form handsome little bushes a foot high that are covered with small, very double flowers of all colors from midsummer until late fall. They make very handsome beds and showy borders. This type of Zinnia is getting very popular as a cut flower. We recommend that you give it space in your garden this season.

Black Ruby. Velvety maroon.

Canary Gem. Bright yellow flowers.

Purple Gem. Rich violet-purple.

Rosebud. Bright rose-pink.

Salmon Gem. Very popular Pompon.

Scarlet Gem. Bright scarlet flowers.

Valencia. Attractive burnt-orange.

White Gem. Dainty, pure white.

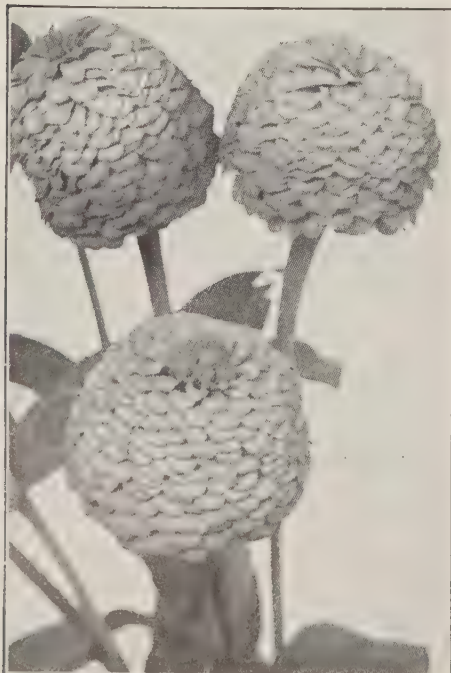
Any of the above:

Pkg. 10c; ¼ oz. 45c; ½ oz. 75c

Collection: One package each of the above—8 varieties for 65c.

Mixed. A very well balanced mixture of colors. We make this mixture, blending the colors to make it just about the best mixture of Lilliputs you can buy.

Pkg. 10c; ¼ oz. 35c; ½ oz. 50c



Salmon Gem Lilliput Zinnias

Hart & Vick's ZINNIAS

Probably no flower has such an assortment of bright shades, tints and colors, and no bedding plant is more effective for a brilliant show than the Zinnia. It blooms from early summer until hard frost finally cuts it down. This old-fashioned bedding plant, whose popularity is being increased every year by the addition of many new and remarkably beautiful varieties and colors, deserves a most prominent place in your garden. Sow the seed early in the spring. Give the plants plenty of room. Feed liberally with liquid sheep or cattle manure.

The Very Best of the GIANT FLOWERING ZINNIAS

Strong, robust, branching plants 3 to 4 feet high.

From the experience gained in our own extensive Zinnia trials and from the experience of many of our customers, we have selected these thirteen large-flowering Zinnias as the best of their particular color. The type of flower is designated by symbols after the variety name: DF is Dahlia-Flowered; CG is California Giant.

Canary Bird. DF. A lovely shade of clear primrose-yellow; an outstanding variety.

Cherry Queen. CG. Most brilliant cherry-rose.

Crimson Monarch. DF. Largest and very best deep crimson.

Dream. DF. Best deep lavender turning to mallow purple.

Eldorado. DF. Best apricot-orange Zinnia; very large flower.

Exquisite. DF. Light rose with a deep rose center.

Golden Dawn. DF. Best golden yellow Zinnia. Perfectly formed flowers.

Illumination. DF. Largest and best Tyrian rose. Splendid for cutting.

Miss Willmott. CG. Soft clear delicate pink. Plant this with Canary Bird.

Orange Queen. CG. Largest golden orange.

Oriole. DF. Very lovely orange and gold two-toned flower.

Purity. CG. By far the best white Zinnia.

Royal Purple. DF. All-America Winner. Very large royal purple.

Any of above: Pkg. 15c; 1/8 oz. 35c; 1/4 oz. 60c

Collection: One package each of the above—13 varieties for \$1.75.

Rainbow Mixture of Colors

We make this mixture right here in our warehouses by blending a great many named kinds in proper color proportions to give you a glorious display in your garden.

Pkg. 15c; 1/8 oz. 35c; 1/4 oz. 60c; oz. \$1.85



The Unusual Fantasy Zinnia



Giant Flowering
Zinnias

CROWN OF GOLD ZINNIAS

A mixture containing a wide range of pastel shades. In all flowers each petal of the flower is overlaid at the base with deep golden yellow, while carrying out the individual flower color at the tip. The blooms are very double and average about 4 1/2 inches in diameter. Plants robust growing, three feet tall and bloom profusely throughout the season.

Pkg. 15c; large pkg. 40c; 1/4 oz. 60c; oz. \$1.75

FANTASY ZINNIAS

Since the introduction of the Fantasy Zinnia, equally valuable new colors and shades have been added to the family. At the present time the mixture includes red, orange, yellow, in various shades. The blooms are shaggy, with long, narrow, curled petals. Mixed colors.

Pkg. 15c; 1/8 oz. 35c; 1/4 oz. 60c

AUTUMN COLORED ZINNIAS

A combination and blending of giant flowers in all the colors seen in the oak and maple leaves in the fall. This mixture was made at the request of Rochester Garden Club members.

Pkg. 15c; 1/4 oz. 55c

FROM VICK'S ILLUSTRATED MAGAZINE, JULY, 1878

"I must tell you about a Zinnia I had last summer. A double scarlet with the delightful fragrance of a Tea Rose. Also one with a row of small ones around, all single. I had a double white Datura which grew to a height of ten feet, also a single one with a spread of twenty feet, that had as many as fifty blossoms open every evening."

E. L. R., Jeffersonville, Indiana

Information You Have Asked Us For

At the request of many of our gardening friends we are giving these 2 pages over to answering many questions that are asked us by mail and over the counters of our stores. We hope these answers will help you have a more successful garden. There are, no doubt, many other questions you would like answered. If you will send them in to us you may be sure of a prompt reply.

Approximate Number of Feet of Row per Acre at Given Distances

Dis. Between Rows	Feet of Row	Dis. Between Rows	Feet of Row
18 in.	29,010	36 in.	14,526
24 in.	21,758	42 in.	12,439
30 in.	17,427	48 in.	10,853

GENERAL HINTS

All low growing plants which flower early, such as Alyssum, should be sheared off when petals start to fall in the hope of second bloom by September.

Strawflower. The time to pick any everlasting is when it is half open. Strip off the foliage and tie stalks in bunches, then hang head down in garage to dry.

Phlox Drummondii. Keep cutting plants in blossom and pinch back young plants from seed sown in May.

Pansies. Pick blossoms every day for continued flowering. Their chances are better if seedlings were transplanted in a partly shaded place.

Petunias. Don't hesitate to pick flowers, it will help to maintain bloom.

Window Boxes. Water every day and keep faded blossoms picked so that plants will keep on flowering. No sense in planting twice during season.

Scatter **Poppy** and **Larkspur** seeds in the area where they are to bloom, on top of the snow. Melting snow carries them into the soil for early germination.

Hardy Annuals. The extensive group of hardy annuals may be planted in the garden when the Pear and Peach trees are in flower. Prepare the soil well and sow the seed thinly.

By the time Apple trees are blossoming, it is safe to plant seeds of any and all annuals. Some two weeks later thinning, transplanting and cultivating begins. Watering may too if we get an early drought.

Seedlings sown indoors need sun, warmth and regular watering for continued growth. They must also be transplanted into richer soil as soon as the second pair of leaves appear.

Seedlings must be watched for any signs of damping off. Prick them out as soon as they are an inch high, if they show any sign of this disease, and allow room for development.

Low-Growing Annuals—6 to 8 inches

Ageratum, dwarf	Phlox, dwarf
Alyssum	Portulaca
Anagallis	Virginia Stock
Lobelia, dwarf	Nemophila
Lupin, New Pixie	Marigolds, miniature
Nemesia	Tagetes
Nierembergia	Verbena, new bush type

Medium Annuals—1 to 2 feet

Ageratum, tall	Gilia
Antirrhinum, medium	Godetia, dwarf
(Snapdragon)	Gypsophila (Baby's Breath)
Aster	Hunnemannia (Tulip Poppy)
Brachycome (Swan River Daisy)	Iberis (Candytuft)
Calendula	Balsam
Calliopsis, dwarf	Statice
Celosia, dwarf	Stock
Clarkia	Four O'clock
Cynoglossum	Petunia, medium
Larkspur	Salpiglossis
Dianthus (Pinks)	Salvias
Dimorphotheca (Cape Marigold)	Schizanthus, dwarf
Eschscholtzia (California Poppy)	Marigold, dwarf
Gaillardia	Zinnia, dwarf



Tall Annuals—2 to 3½ feet

Antirrhinum, tall (Snapdragon)	Lupinus (Lupine)
Campanula (Canterbury Bells)	Shirley Poppy
Celosia, tall	Scabiosa
Centaurea	Schizanthus, tall
Godetia, tall	Marigold, tall
Gomphrena (Globe Amaranth)	Zinnia, tall
Helichrysum (Strawflower)	

Very Tall Annuals—4 to 12 feet

Amaranthus	Hollyhocks (certain vars.)
Cleome (Spider Flower)	Nicotiana (Flowering Tobacco)
Cosmos	Tithonia
Helianthus, tall (Sunflower)	

Annuals for Hot, Dry Places

Arctotis	Phlox drummondii
Calliopsis	Portulaca
Centaurea (Cornflower)	Salvia
Eschscholtzia (Calif. Poppy)	Statice
Gaillardia	Zinnia
Ipomoeas	

Annual Flowers for Shade

Balsam	Lupins
Centaurea (Cornflower)	Myosotis (Forget-me-not)
Godetia	Nicotiana
Cynoglossum	Petunia
Lobelia	Virginia Stock

Annuals for Half Sun and Half Shade

All above list and:	Campanula (Canterbury Bells)
Alyssum	Nasturtium
Calliopsis	Petunia

Annual Flowers That Bloom in June to July 15

Arctotis (African Daisy)	Shirley Poppy
Alyssum	Petunia, (Single, self-sown)
Clarkia	Phlox drummondii
Eschscholtzia (Calif. Poppy)	Scabiosa
Gaillardia	Marigold, early varieties
Sweet Pea	Nasturtium

Annuals That Bloom from Late July to Frost

Calendula	Petunia (fringed, ruffled and double)
Celosia	Portulaca
Centaurea	Mignonette
Cosmos	Marigold
Helianthus (Sunflower)	Zinnia
Stocks	

Annuals That Bloom from August to Frost

Antirrhinum (Snapdragon)	Lobelia
Aster	Nicotiana
Chrysanthemum, annual	Salpiglossis
Cobaea Scandens	Statice
(Cup-and-Saucer Vine)	Marigolds
Cosmos	Tithonia
Hunnemannia	Verbena
Ipomoeas (Morning Glory)	

Annual Flowers for Cutting

Anchusa	Larkspur
Antirrhinum (Snapdragon)	Nasturtium
Arctotis	Nicotiana
Aster	Marigolds
Calendula	Petunia
Calliopsis	Phlox drummondii
Centaurea (Cornflower)	Scabiosa
Chrysanthemum, annual	Statice
Clarkia	Stocks
Cosmos	Sweet Peas
Cynoglossum	Sweet Sultan
Gaillardia	Verbena
Gypsophila	Zinnia

Annuals for Fragrance or Odor

Alyssum, Sweet. Delicate.	Pansy. A refreshing fragrance.
Heliotrope. Considered the par excellence of fragrance.	Petunia. Heavy.
Marigold. Intolerable to some, agreeable to others.	Stock. Fresh, unusual fragrance.
Mignonette. Delightful to all.	Sweet Peas. Delicate. Enjoyed by all.
Nasturtium. Admired by some.	Sweet Sultan. Delicate.
Nicotiana. A delight in the evening.	Verbena. Some have fragrance of trailing Arbutus.

Annuals for Poor Soil

Alyssum	Cornflower
Amaranthus	Four O'clock
Balsam	Godetia
Calendula	Nasturtium
California Poppy	Poppies
Calliopsis	Portulaca
Cleome	

The Following Annuals May Be Sown in the Fall

Alyssum	Centaurea (Cornflower)
Antirrhinum (Snapdragon)	Cosmos
Calendula	Dianthus
California Poppy	Larkspur
Candytuft	Portulaca
Clarkia	Sweet Peas

It is wise to place a light mulch over beds of fall-sown plants. Let it be only an inch or so thick for it must not choke out the seedlings.

Annuals for Early Spring Sowing On Surface Between Bulbs
 California Poppies. Yellow, gold, crimson.
 Candytuft. White, lilac, crimson.
 Clarkia. Pink, white, rose.
 Larkspur. Blue, pink, rose, white.
 Lobelia. Blue.
 Phlox Drummondii. Various shades, pink, white, lilac, crimson.
 Shirley Poppies. Pink, rose and variegated.
 Portulaca. Most brilliant red and yellow shades.
 Schizanthus. Various combinations.

Plants for Setting Out in Spring Between Bulbs
 Alyssum. White, lilac.
 Candytuft. White.
 English Daisies. Pink or white.
 Forget-Me-Not. Blue, rose.
 Lobelia. Blue.
 Pansies. Shades of purple, blue, yellow, white, etc.
 Siberian Wallflower. Distinctive orange.

Plants to Use After Removing Bulbs
 Asters
 Begonias. Tuberous-rooted (in partial shade).
 Cannas
 Clarkia
 Heliotrope
 Lupins
 Marigolds
 Snapdragons
 Verbenas
 Violas
 Zinnias

These Annual Flowers Make Splendid Hedges
 Balsam
 Four O'clock
 Helichrysum
 Kochia

Low Growing Hardy Plants—Up to 12 inches
 Achillea tomentosa
 Alyssum saxatile
 Arabis alpina (Rockcress)
 Bellis (English Daisy)
 Campanula carpatia
 Dianthus (Pinks)
 Heuchera (Coralbells)
 Iberis (Hardy Candytuft)
 Phlox subulata
 Primula vulgaris
 Veronica incana
 Viola

Hardy Plants—12 to 24 inches tall
 Anthemis
 Aquilegia
 Astilbe
 Chrysanthemum
 Gaillardia
 Christmas Rose
 Hemerocallis (Day Lily)
 Iris
 Lavandula (Lavender)
 Linum (Flax)
 Monarda
 Oriental Poppy
 Pentstemon
 Peony
 Phlox
 Platycodon
 Polemonium
 Salvia
 Scabiosa
 Statice
 Stokesia
 Trollius

Tall Growing Perennials
 Aconitum (Aconite)
 Artemisia lactiflora
 Aster, Hardy
 Boltonia
 Delphinium
 Helenium autumnale
 Helianthus
 Hibiscus
 Hollyhocks
 Lupinus (Lupines)
 Physostegia
 Rudbeckia
 Thalictrum

Hardy Plants for Special Uses
Among Rocks
 Alyssum saxatile
 Aquilegia
 Campanula carpatia
 Cerastium
 Heuchera (Coralbells)
 Iberis
 Penstemon
 Phlox subulata
 Saxifrage
 Sedum
 Veronica repens
Hot, Dry Situations
 Achillea
 Anthemis
 Aster, Hardy
 Coreopsis
 Dianthus plumarius
 Echinops (Globe Thistle)
 Helianthus
 Iris, Bearded
 Papaver (Iceland Poppy)
 Rudbeckia
 Sedum
 Yucca

Perennials for Semi-Shady Places
 Aconite
 Anchusa
 Anemone japonica
 Aquilegia
 Campanula rotundifolia
 Christmas Rose
 Digitalis
 Doronicum
 Hemerocallis
 Hollyhock
 Jacob's Ladder
 Linaria
 Lobelia cardinalis
 Mertensia virginica
 Monarda
 Myosotis
 Phlox divaricata
 Physostegia
 Platycodon
 Primula
 Pulmonaria (Lungwort)
 Vinca minor
 Viola

The Annual Flowers Do Well In Porch and Window Boxes
 Ageratum
 Alyssum
 Centaurea (Dusty Miller)
 Lobelia
 Nasturtiums
 Pansy
 Petunias
 Phlox
 Portulaca
 Salvia
 Tagetes
 Verbena
 Zinnia, Mexican

TIPS ON PLANTING

Sow outdoors many varieties of annuals, reserving space in the sunny window or cold frame for only the choicest or newest. It's so easy to plant annuals right in the ground and with such remarkable results that any illusions about the miracle of seed planting are stripped away completely.

Annuals make few cultural demands. Good seed planted at the right time in well-prepared soil sums up neatly.

There is no hard and fast rule as to how deep seeds should be planted save that those first tender leaves shouldn't have to push too hard or too far to reach air and sunlight.

The earlier seeds are planted, the shallower, for in April soil is wetter and heavier than in May. Depth of planting is sensibly adjusted to the week of planting, the size of the seed and the dryness of the soil.

A good idea in order to keep your planting from being too thick is to mix the seed with five times its bulk of fine, thoroughly dry sand.

In any case be sure to firm down the soil with your hands or tamp it down with the back of the rake so that the seeds are brought into contact with the warmth and moisture in the earth in order to germinate.

Hard coated seeds such as Sweet Peas and Morning Glories will grow faster if they are soaked overnight in a teacup of water before planting.



Planning Chart and Plan for Vegetable Gardeners

	Feet of Row for 4 People	Number of Days to Maturity	Inches Between Rows	Seed for 50 Feet of Row
Beans, dwarf	200	50-55	18	1/4 lb.
Beans, Lima	100	60-80	24	1/2 lb.
Beans, pole	50	65-75	36	1/4 lb.
Beans, pole Lima	50	75-85	36	1/4 lb.
Beets	150	45-60	12	1/2 oz.
Broccoli (P)	50	50-60	30	1 pkt.
Brussels Sprouts (P)	25	90-100	30	1 pkt.
Cabbage (P)	40	60-90	24	1 pkt.
Carrots	200	65-80	12	1/4 oz.
Cauliflower (P)	50	55-65	24	1 pkt.
Celery (P)	50	100-140	30	1 pkt.
Corn	400	55-75	36	1 pkt.
Cucumber	25	45-65	48	1 pkt.
Eggplant (P)	25	70-85	30	1 pkt.
Endive	50	70-95	15	1 pkt.
Kohlrabi	50	50-60	12	1/4 oz.
Leek	50	130	18	1/2 oz.
Lettuce	100	40-80	12	1 pkt.
Muskmelons	50	80-90	48	1 pkt.
Okra	25	50-70	30	1/2 oz.
Onions	200	90-110	12	1/4 oz.
Parsley	10	70-90	12	1/4 oz.
Parsnips	50	90-100	18	1/4 oz.
Peas, dwarf	400	60-70	24	1/4 lb.
Peas, tall	200	80-90	36	1/4 lb.
Peppers (P)	25	60-80	24	1 pkt.
Pumpkin	25	100-120	72	1 pkt.
Radish	50	25-40	12	1 oz.
Rutabaga	50	120	18	1 pkt.
Salsify	50	100-125	15	1 oz.
Spinach	150	40-50	12	1 oz.
Spinach, N. Zealand	25	60	36	1/2 oz.
Squash, summer	25	55-65	48	1 pkt.
Squash, winter	50	100-120	60	2 pkts.
Swiss Chard	25	45-55	18	1 oz.
Tomatoes (P)	100	60-100	36	1 pkt.
Turnips	75	40-75	15	1/4 oz.
Watermelons	25	75-120	72	2 pkts.

YOU CAN GROW ALL THE THINGS TO FILL THE SALAD BOWL, IN A SPACE NOT VERY MUCH LARGER

All the ingredients for a fresh green salad bowl except the dressing can be grown in this garden. Cucumbers are planted at the back in 4-foot squares so the vines may be trained on trellises. Four rows of Looseleaf Lettuce are included as it is basis for all salads. For variety include Yellow Tomato Jubilee, less juicy and acid, and easy to cut.

Salad Bowl Collection of Seeds: 18 packages—1 pkg. of each kind in this list for \$2.25, postpaid to you. Catalog price is \$2.65.

- | | |
|-----------------|---------------------|
| 1. Red Tomatoes | 10. Parsley |
| 2. Dill | 11. Thyme |
| 3. Savory | 12. Sweet Peppers |
| 4. Basil | 13. Carrots |
| 5. Marjoram | 14. Cucumbers |
| 6. Endive | 15. Radishes |
| 7. Lettuce | 16. Yellow Tomatoes |
| 8. Sage | 17. Chervil |
| 9. Chives | 18. Fennel |





Either in beds or among shrubs the flaming brilliant Cannas add color and brightness to the home grounds.

HART & VICK'S SUMMER FLOWERING BULBS

Amaryllis

We offer the giant-flowered, wide open trumpet (often 7 inches in diameter) strain only.

Giant American Hybrids. One of the easiest and most satisfactory of all bulbs to grow in the house or in the garden. We offer here giant bulbs of one of the finest strains in the country. Bulbs that will grow from one to two vigorous, healthy flower stems, each carrying four giant trumpet-like flowers in a wide range of colors: pink, rose, red, scarlet, white and combinations of these colors. **In mixture of colors only.**

85c each; 3 for \$2.45; 12 for \$9.00

Caladium Esculentum (Elephant's Ear)

This giant plant grows 6 to 10 feet high and bears immense, light green leaves 3 to 4 feet long and 2½ feet wide. It is very effective in beds and borders and is used extensively in public parks. Plant them outside when the ground is warm in the spring or start them indoors early and transplant outside. The bulbs will not stand freezing so dig in the fall and bring indoors.

Mammoth bulbs, 35c each; 3 for 95c; 12 for \$3.25

Fancy-Leaved Caladiums

A splendid summer foliage plant of marvelous beauty for indoor growing or even for outdoor beds in shady spots. Grow the same as Tuberous-rooted Begonias. The bulbs will not stand freezing so dig in the fall and bring indoors.

Large bulbs, 40c each; 3 for \$1.10; 12 for \$4.00

Calla Elliottiana

The best of the Yellow Callas. Flowers as large as the white, winter-flowering variety, and a rich, lustrous golden yellow of velvety texture. The foliage is dark green, with a number of translucent creamy white spots, which add much to its beauty. Planted in the open border in a dormant condition when danger from frost is over in spring, this Calla will flower during the summer. When tops are killed by frost in the autumn, dig and store through the winter as you would potatoes.

Strong bulbs, 65c each; 3 for \$1.85; 12 for \$7.00

Large Flowering Cannas

Cannas bloom from early summer until frost just about anywhere in the country, succeeding in any sunny position in any kind of soil. Give them plenty of food and water and they will respond most generously. Start the roots in 4- and 5-inch pots in March or April, keep in a warm place and transplant outdoors in late May or early June. Dormant roots may be planted out-of-doors as soon as the earth warms up. Set 2 feet apart each way.

We offer northern-grown, large, well developed dormant roots—six at the dozen rate. Delivered free of charge east of the Mississippi River.

Prices of All Varieties: 25c each; 3 for 65c; 12 for \$2.35.

Hungaria. Low growing, 3½ feet. Large, deep, rose-pink flower over bright green foliage.

Eureka. Large, white flower and green foliage. Grows 4 feet high.

King Humbert. The combination of brilliant orange-scarlet flowers in giant spikes and coppery bronze foliage makes this Canna one of the most popular. Grows 5 feet high.

Yellow King Humbert. Large yellow flowers spotted red. Foliage green. Tall.

The President. A brilliant flaming scarlet flower often measuring 7 inches across. Extremely free flowering and very vigorous growing. Green foliage. Height 5 feet.

Cinnamon Vine Never Any Bugs on This Vine

A beautiful, rapid-growing summer climber, with bright green, glossy foliage, and spikes of deliciously cinnamon-scented, white flowers. Very hardy, grows rapidly in the spring and covers any trellis or arbor early in the season.

Top size roots, 25c each; 3 for 65c

Hyacinthus Candicans - Summer Hyacinth

A luxuriant growing, summer flowering plant spreading 2 to 3 feet and bearing during July and August, 20 to 30 white, bell-shaped flowers on tall stems 4 to 5 feet high. Planted as a background for scarlet Gladiolus makes a wonderfully attractive picture. Set the bulbs out in the garden when danger of frost is over, 3 inches deep and 2 feet apart. In the colder climates take the bulbs up and store like Gladiolus.

Large bulbs, 25c each; 65c for 3; \$2.35 for 12

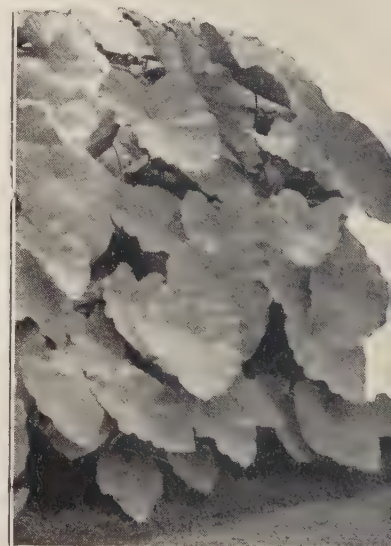


Summer Hyacinths are becoming more popular as garden flowers.

This picture does not at all do justice to the Cinnamon Vine. It is really a very splendid climber that you will enjoy immensely.



Fancy-Leaved Caladiums are not hard to grow in the house.



Caladium Esculentum is popularly known as Elephant's Ear

Calla Elliottiana



Ismene Calathina - Peruvian Daffodil

Handsome clusters of large, very striking, fragrant, pearl-white flowers on 30-inch stems, somewhat resembling the Amaryllis. Plant the bulbs when the ground is warm late in the spring, 3 inches deep and 18 inches apart. In our own garden we have been very successful growing Ismene in a rather difficult spot shaded half the day by tall growing shrubs. They commence flowering in July.

Top size bulbs, postpaid: 65c each; \$1.85 for 3; \$6.75 for 12

Madeira Vine - Climbing Mignonette

An excellent climber, with beautiful, thick, glossy, light green, almost transparent leaves, climbing almost to any desired height. The flowers are small, borne in racemes, and very sweet scented. It thrives in the house better than any climber, except, perhaps the Ivy; makes an excellent screen for windows; is unsurpassed for baskets, and extremely useful as an out-of-door climber, growing very rapidly. Plant outdoors in May in fairly good soil and water regularly for best results. Not entirely hardy but must be protected by a mulch in freezing weather.

Strong tubers, 20c each; 2 for 35c; 12 for \$1.85, postpaid to you

Montbretia

A very free-blooming summer-flowering bulb, producing in great numbers graceful spikes, 8 to 10 inches long, each spike bearing from 18 to 30 exceedingly showy, star-shaped flowers, 1½ to 2 inches across. Plant Montbretia bulbs the same as you would Gladiolus, 2 inches deep and 6 inches apart, and care for them in the winter the same as you would for Gladiolus. We offer **Mixed Hybrids**, an assortment of yellow, orange, and scarlet shades.

3 for 35c; 12 for \$1.25; 100 for \$8.50

Oxalis - American Shamrock

A splendid little plant for beds, borders, pot growing, and for baskets. The plants grow about 12 inches high, are compact, bushy growing, full of bright green foliage that makes an excellent background for the bright colored flowers that cover the plant the entire season. Plant the bulbs outdoors after danger of frost is over, 1 inch deep and 6 inches apart, or in pots indoors as soon as you receive them from us. These bulbs are not hardy, they must be taken up and stored during the winter.

Deppei. Small white flower. Excellent for borders. Blooms all summer.

Lasiandra. Large deep crimson flowers are carried in clusters on 16-inch stems above bright green, decorative foliage. Blooms from spring until late fall.

Shamrock. Large pink blooms; rich green, Shamrock-like foliage.

Any of the above kinds: 12 for 45c; 25 for 85c; 100 for \$3.00

Tigridia - Shell Flower of Mexico

Pavonia. Brilliant, colorful blooms in scarlet, orange, yellow and rose. The huge triangular shaped flowers have six petals, the three smaller ones being blotched with carmine, purple or mahogany. The plant grows 2 feet tall and bears these brilliantly colored flowers from July until frost. Plant and care for the bulbs as you would Gladiolus. We offer a splendid mixture of colors.

Top size bulbs—postpaid to you: 3 for 45c; 12 for \$1.55; 25 for \$3.00

Double Tuberose

Excelsior, Dwarf Pearl. Delightfully fragrant double waxlike flowers on long spikes carried on 2-foot stems that make it a very desirable cut flower. If you want early bloom start the bulbs growing in pots in February or March and transplant in the garden in May. For late flowering plant outdoors in May and June, 4 inches deep and 12 inches apart. The original bulb will not flower the second time but the small bulbs or offsets may be sowed in a warm dry place, and planted the next spring for future flowering. It will take two years of culture to make these small bulblets into flowering bulbs.

Unusually large bulbs, 25c each; 12 for \$2.75; 25 for \$5.45; 100 for \$20.00

Zephyranthes

TWO LOVELY FAIRY LILIES

Easily grown bulbs that are splendid in the garden and also do very well when planted in pots to bloom indoors. Grow about 10 inches tall and are almost continually in bloom. Not hardy and should be dug and stored over winter like Gladiolus.

Candida. Beautiful pure white, lily-like flowers measuring 2 inches across. Grows freely and quickly.

3 for 35c; 12 for \$1.15; 25 for \$1.85; 100 for \$5.75

Rosea. Beautiful clear rose, very large flowers.

3 for 45c; 12 for \$1.45; 25 for \$3.00; 100 for \$10.00



Peruvian Daffodils



The Shell Flower of Mexico



Double Tuberose



Fairy Lilies are Easy to Grow

Oxalis Make
Splendid Beds
and Borders



Hart & Vick's DAHLIAS

The tubers we offer are all grown here in the North by expert Dahlia men. They are dug and taken care of correctly and come to you in large divisions, healthy, and with at least one eye or sprout.

Classifications as made by the American Dahlia Society are as follows: Formal Decorative—F.D.; Informal Decorative—I.D.; Semi-Cactus—S.C.; Cactus—C.

Cultural directions are sent with every order of Dahlia tubers.

LARGE FLOWERING KINDS

We have selected this list of Dahlias as the most satisfactory for you to grow. A small group of twelve Dahlias that are easy to grow, not temperamental in their demands, produce plenty of flowers good for cutting, house decoration and exhibition.

Avalon. F.D. Many call this the very best yellow of the Formal Decorative type. Blooms are large, 8 inches across, and unusually deep. Petals of good substance and clear bright cadmium-yellow. Plant rather strong growing with an abundance of foliage. Tubers, 45c each; 3 for \$1.25

California Idol. I.D. A large, clear yellow. Recommended for exhibition. One of the largest of yellows with long, canelike stems. Very deep with high full centers. This is one for the largest bloom class. Tubers, 75c each; 3 for \$2.10

Dahlmum. I.D. Clear, bright self-colored yellow. Well grown it will produce flowers 12 to 14 inches across. Tubers 75c; 3 for \$2.10

Hunt's Velvet Wonder. I.D. Tyrian purple blending into a true purple. Broad-petaled blooms of good size and depth. Stems somewhat short but hold a very striking flower. Tubers \$1.15; 3 for \$3.25

Jane Cowl. I.D. Exceptionally large and well-formed flowers of buff, gold and salmon. A tall, strong growing kind and very popular. Tubers, 60c each; 3 for \$1.65

Jersey's Beauty. F.D. This fine pink was the first truly florist's Dahlia, and still is a standard for cutting. The blooms should be cut promptly as soon as open and not allowed to fade on the bush. Tubers, 60c each; 3 for \$1.65

Jersey's Dainty. C. Pure white straight Cactus. Very good for cutting and exhibition; a prolific bloomer with long, straight stems beginning about midseason. Foliage dark and healthy. Tubers, 45c each; 3 for \$1.25

Michigan White. S.C. Here we think this the very best white, Semi-Cactus variety. The flower has splendid form and substance, good size, 8 inches across and the 4-foot plant can be depended on to furnish flowers in quantity. Tubers, \$1.15 each; 3 for \$3.25

Mrs. George Le Boutillier. I.D. Deep rich carmine-red flowers grow to a very large size, about 10 inches across and 5 inches deep. Healthy, vigorous grower and winner of many medals. Commands attention wherever shown. Tubers, 60c each; 3 for \$1.65

Mrs. I. de Ver Warner. F.D. This is an exquisite shade of deep mauve-pink. Beautifully formed flowers that come very early. Tubers, 60c each; 3 for \$1.65

Son of Satan. S.C. The largest flower in this class of Dahlias. Huge bright scarlet blooms 11 inches across and 5 inches deep. Plant rugged, branching and grows 6 feet tall. Very free blooming. Tubers, 75c each; 3 for \$2.10

Thomas A. Edison. F.D. Royal purple flowers of staghorn petal formation. Plant grows slowly but strongly and does best with a little extra attention and fertilization. Tubers, 75c each; 3 for \$2.10

POMPON DAHLIAS

A miniature of the Show or Ball type Dahlia, with flowers seldom over 2 inches in diameter, that has been a great favorite with Dahlia growers for many years and is now one of the most popular flowers in the gardens of many of our customers. These little Dahlias deserve your attention. They grow so freely and require so little care after planting. They reward the gardener with a wealth of bloom all during late summer and fall. Beautiful in the garden and splendid when cut for house decoration.

Amber Queen. A miniature Ball type Dahlia with button-like blooms of amber shaded with salmon. Long wiry stems. Tubers, 35c each; 3 for \$1.00

Johnny Peppin. In our opinion this is the outstanding rich deep red pompon Dahlia. The plants are very strong growing and produce more flowers than any other kind. Tubers, 35c each; 3 for \$1.00

Mary Munns. Ball-shaped flowers of clear lavender on wiry stems that hold the blooms well above the foliage. Tubers, 35c each; 3 for \$1.00

Morning Mist. Flowers larger than most of this type, 2 inches across, have a white background heavily shaded with lavender at the center and each petal is heavily bordered with lavender. Tubers, 35c each; 3 for \$1.00

Rosa Wilmouth. Ball-like little flowers of bright pink on long wiry stems. Plant strong growing with many branches all bearing a wealth of bloom. Tubers, 35c each; 3 for \$1.00

Yellow Gem. The best yellow Pompon we have seen. Flowers ball-like, 1½ inches in diameter. Plant very free flowering. Tubers, 35c each; 3 for \$1.00

Collection of Pompon Dahlias: One each of the above 6 kinds—each labeled with variety name—6 tubers for \$1.75, prepaid to you. **3 Collections for \$4.85.**

MINIATURE DAHLIAS

Miniature Dahlias are pocket-size editions of the various large-flowering kinds: Cactus, Decorative, etc. The blooms are about 4 inches in diameter and are borne profusely on sturdy low growing plants that make them ideal for planting in the border in the garden. They also are highly prized as cut flowers for house decoration.

Corinna. Small, perfectly formed, brilliant yellow flowers of Miniature Decorative type. Tubers, 35c each; 3 for \$1.00

Fairy. Soft violet-rose shading to mauve at the tips of the petals. Blooms continuously. Tubers, 35c each; 3 for \$1.00

Orchid Lady. Lavender-pink flowers 3½ inches across and 2 inches in depth on very free flowering, sturdy plants. Tubers, 35c each; 3 for \$1.00

Princess Alba. Pure creamy white flowers without any other coloring. Plants are strong, thrifty and have an abundance of attractive rich green foliage that forms a perfect background for the flower. Tubers, 35c each; 3 for \$1.00

Sylvia. A splendid little garnet-red flower. 35c each; 3 for \$1.00

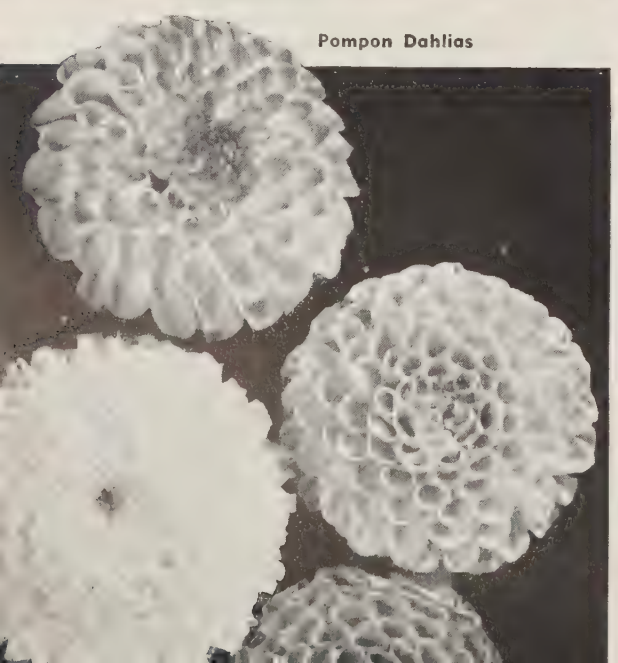
Collection of Miniature Dahlias: Five tubers, one each of the above 5 varieties, for \$1.45, postpaid to you. Three of these collections for \$4.00.



Jersey's Beauty



California Idol



Pompon Dahlias

20 GOOD GLADIOLUS

There have been so many good Gladiolus introduced in the past few years that it is almost impossible for any amateur grower to look over the list and choose the ones that will do best in his garden.

To help you in your choice of varieties, we are describing here the 20 kinds all comparatively new that we consider to be the outstanding ones in their color group. Varieties that have proven themselves worthy of a spot in your garden.

The bulbs we offer you are all what is known as "over-size"; clean, free from thrip and disease, and will give you splendid results.

Six bulbs are sold at the dozen rate. Single bulbs at one-tenth of the dozen rate. Prepaid east of the Mississippi River. To more distant states, add 5c per dozen for postage.

After each variety name is a number. The first two numerals indicate the year of introduction. The last two numbers, the number of days it takes it to bloom. Thus 45-90 indicates that variety was introduced in 1945 and takes an average of 90 days to bloom.

Abu Hassan. 47-77. Dark violet-blue flowers with darker throat markings. Long, full flower spikes on tall straight stems. Bulbs, 3 for 95c; 12 for \$3.35; 25 for \$6.90; 100 for \$24.00

Annamae. 40-70. Very early, pure white flowers of very good size closely placed in broad tall spikes. Bulbs, 3 for 40c; 12 for \$1.35; 25 for \$2.35; 100 for \$7.50

Blue Beauty. 36-75. Large, wide open flowers of clear light blue shading darker toward the edges. Probably the largest spike of flowers in this color. Bulbs, 3 for 45c; 12 for \$1.45; 25 for \$2.75; 100 for \$9.00

Chamouny. 38-85. Exceptionally beautiful and striking rich, dark rose flowers bordered with silver. As many as ten of these flowers are open at a time. Bulbs, 3 for 45c; 12 for \$1.45; 25 for \$2.75; 100 for \$9.00

Dr. Whiteley. 43-85. Large golden yellow flowers overlaid with apricot. An unusually beautiful flower. Bulbs, 3 for 45c; 12 for \$1.45; 25 for \$2.75; 100 for \$9.00

Elizabeth the Queen. Beautiful clear lavender, ruffled edged flowers, with darker lines in the throat. Large, finely formed and 8 to 10 flowers are open at a time. Not tall stemmed but we think it's the best of all lavender kinds. Bulbs, 3 for 45c; 12 for \$1.45; 25 for \$2.75; 100 for \$9.00

Leading Lady. 42-87. A giant flowering cream-white Glad with no other markings at all. A splendid Glad with all of the good qualities of its parent, "Picardy." Bulbs, 3 for 75c; 12 for \$2.65; 25 for \$5.00; 100 for \$18.00

Mohawk. 40-85. Deep glistening maroon flowers of very good size and substance, that open up 10 blooms on a spike at a time. Bulbs, 3 for 45c; 12 for \$1.45; 25 for \$2.75; 100 for \$9.00

Mother Kadel. 41-77. A top notch clear yellow flower that consistently wins medals at Flower Shows. Petals are waxlike in texture and remain fresh for a long time. Bulbs, 3 for 45c; 12 for \$1.45; 25 for \$2.75; 100 for \$9.00

Ogarita. 42-90. Rose and salmon flowers with golden yellow throats. A long, strong stem carries a long flower head showing eight very large flowers open at a time. Bulbs, 3 for 45c; 12 for \$1.45; 25 for \$2.75; 100 for \$9.00

Orange Prince. 45-80. Dazzling orange flowers splashed with flame and with deeper flame markings in the throat. Bulbs, 3 for 60c; 12 for \$1.95; 25 for \$3.50; 100 for \$12.00

Pandora. 40-85. Soft geranium-pink flowers with feathers of rosy red on the two lower petals and darker red lines in the throat. An excellent cut flower with 8 to 10 flowers open at a time. An exhibition variety. Bulbs, 3 for 45c; 12 for \$1.45; 25 for \$2.75; 100 for \$9.00

Picardy. 31-90. The finest Glad in its color class. Of soft shrimp-pink without any fleckings. Splash of flesh-pink shading to shrimp-pink at edges of flowers. Featherings of Begonia-rose. 7 to 10 flowers often 6 inches across open at a time. Tall strong spike and stem. In our opinion the finest pink Glad in the world. Bulbs, 3 for 40c; 12 for \$1.35; 25 for \$2.35; 100 for \$7.50

Purple Supreme. 42-85. Very outstanding purple flowers with a silvery edge on the petals. Will open 10 florets in a spike at one time. Very tall stem and exceptionally good cut flower. Bulbs, 3 for 35c; 12 for \$1.25; 25 for \$2.00; 100 for \$6.00

Red Charm. 39-85. One of the finest of the European red kinds. A most vigorous grower and does well even under unfavorable conditions. Long full flower spikes with 10 florets open at a time. Bulbs 3 for 40c; 12 for \$1.35; 25 for \$2.35; 100 for \$7.50

Spotlight. 44-88. Very large, broad, wide open flowers of deep yellow attractively marked with a scarlet blotch. Blooms very freely. Bulbs, 3 for 75c; 12 for \$2.65; 25 for \$5.00; 100 for \$18.00

Stoptlight. 42-90. A ruffled clear bright red with 6 to 8 large flowers open on a spike at one time. Will make a bright spot in any garden. Bulbs, 3 for 40c; 12 for \$1.35; 25 for \$2.35; 100 for \$7.50

Surfside. Lovely ruffled petaled white flower with slight pencilings in the throat. Thrifty growing and very dependable kind. 3 for 35c; 12 for \$1.25; 25 for \$2.00; 100 for \$6.00

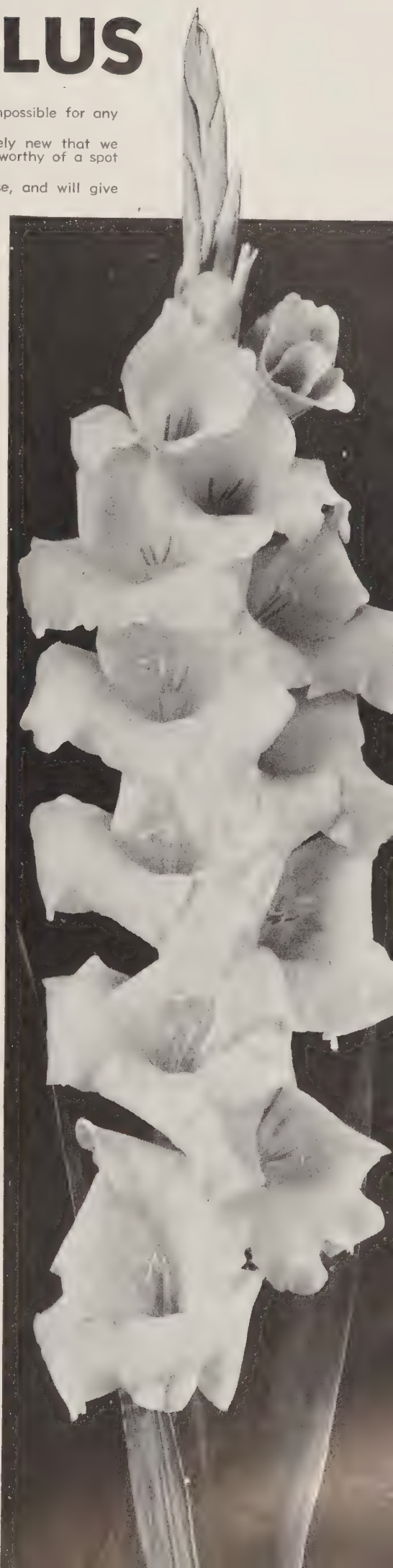
Valeria. 38-85. Distinctive light red, heavily ruffled flowers, well placed on tall erect spikes and stems. A very popular Gladiolus. Bulbs, 3 for 45c; 12 for \$1.45; 25 for \$2.75; 100 for \$9.00

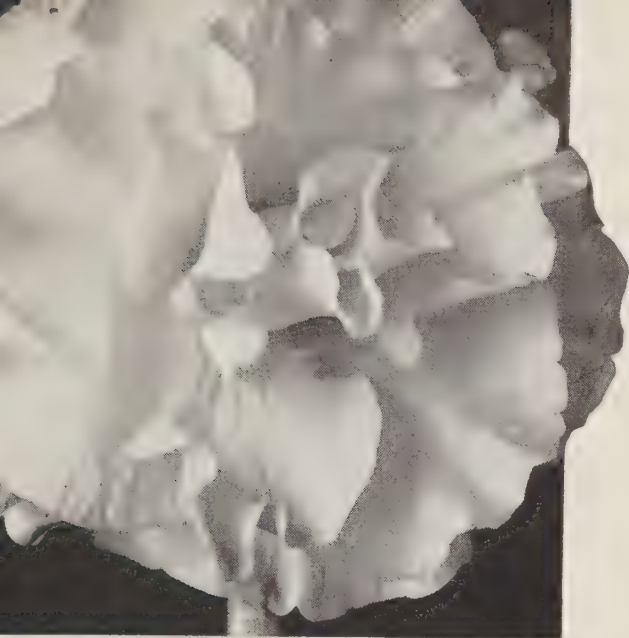
White Gold. 41-70. Large cream-colored flowers with golden throats. Spikes are giants in size with 6 to 8 flowers sometimes measuring 7 inches across open at one time. Bulbs, 3 for 40c; 12 for \$1.35; 25 for \$2.35; 100 for \$7.50

Our Rainbow Mixture of Exhibition Gladiolus

This splendid mixture is a careful blending of many kinds and colors of named and unnamed Gladiolus. It is made for the person who wants a specially good assortment of colors at a reasonable price. These bulbs are not grown as a mixture but are all separate kinds and colors, choice varieties every one of them, and will produce flowers in the garden and for cutting that you will be proud of.

12 for 75c; 25 for \$1.25; 100 for \$4.75





Camellia-Flowered Begonia



Single Frilled Begonia



Tuberous Begonias

The answer to the gardener's prayer for something that will grow easily and bloom prolifically in the many difficult shady spots in most gardens. They are at their best under trees, on the north side of buildings, walls and hedges, in window and porch boxes under awnings.

What a wonderfully beautiful and useful flower so many people are missing when they neglect to grow some of these Tuberous Begonias! Planted in pots for winter house flowers they are very fine. They are easily grown. Set the bulbs a foot apart and 1½ inches deep in a shaded spot in any well-drained soil into which has been dug peat moss and plant food. The plants grow about 12 inches tall and a foot across. In the fall spread out to dry and keep over winter in sand in a cool place. Tuberous Begonia bulbs last for many years and with a little care will continue to grow in size.

CAMELLIA-FLOWERED. Lovely, big, double flowers, 4 to 5 inches across, with heavy, waxlike petals, so beautifully arranged that the flower closely resembles the Camellia and is named after it, Camellia-Flowered. Here are the colors we are offering in this type:

COMPLETE CULTURAL DIRECTIONS ARE SENT WITH ALL BULB ORDERS

Yellow. Deep rich, canary-yellow double, long-stemmed flowers.

Orange. Rich rosy orange flowers, a most delightful color.

Pink. Soft apple-blossom-pink, very dainty, very double flowers.

Salmon. Deep salmon flowers overlaid with apricot. Bright yellow centers.

Scarlet. Most brilliant color in these Begonias. Very double and long stemmed.

White. Pure white very double flowers that resemble a Gardenia.

Mixed Colors. The above kinds in a mixture of colors.

Large Top Quality Bulbs: 25c each; 70c for 3; \$2.65 for 12; \$4.85 for 25, prepaid to you.

SINGLE FRILLED (Crispa). Lovely single flowers 4½ to 5 inches across with thick waxlike, waved and ruffled overlapping petals surrounding a cluster of delicate yellow stamens. There is no lovelier flower than a pure white single Tuberous Begonia.

Crimson. Rich, deep crimson flowers often 5 inches across.

Copper. Heavy, overlapping petals of copper flushed with rose.

Orange. Orange flowers flushed with rose. Very prominent stamens.

Rose. Bright rose-colored petals with pink edges.

White. Pure white, very broad and overlapping petals. Prominent yellow stamens.

Yellow. Waxlike clear yellow petals exceedingly curled and fluted.

Large Top Quality Bulbs: 25c each; 70c for 3; \$2.65 for 12; \$4.85 for 25, prepaid to you.

TRAILING BEGONIAS (Pendula). Splendid for that shady spot in the rockery, rock wall, and for hanging baskets and pots on shaded porches, in shaded rooms, in porch and window boxes.

White.

Yellow.

Rose.

Orange.

Mixed.

Scarlet.

Large Hort & Vick Quality Bulbs. 35c each; \$1.00 for 3; \$3.75 for 12.

GLOXINIAS

Prices of All Gloxinia Bulbs: 45c each; \$1.20 for 3; \$4.50 for 12.

This is one of the most handsome and interesting of all summer-blooming pot plants for the window garden. Start the bulbs in pots in February or March. Care for them as you would Tuberous Rooted Begonias, except that they like more heat and humidity. Gloxinias do well in sunlight. Cultural directions for the successful growing of Gloxinias are sent with every order.

Scarlet. Clear scarlet, no other color.

Purple. Rich royal purple flowers.

Rose. One of the more popular colors in Gloxinia.

Scarlet, bordered with white.

Purple, bordered with white.

We are importing our Tuberous Rooted Begonia and Gloxinia bulbs from Belgium this season and expect to deliver to you the finest and largest bulbs you have seen in many years. Every one of them of top quality.

These bulbs will arrive in January, perhaps before this book reaches you. **Mark plainly in your order whether you want these bulbs sent to you now**, so that you can start them growing indoors and set them outside later, or if we are to send them to you later when danger of frost is over and you can safely plant them out in your garden.

Gloxinias
are Easily
Grown



Orange Camellia-Flowered Tuberous Begonia

This is a **Camellia-Flowered Tuberous Begonia**. Lovely, big, double flowers 4 to 5 inches across, with heavy, waxlike petals. As an outdoor bedding plant for shady places they are unrivalled. Easily grown to perfection, they will last for many years. We offer them in the following colors:

Dark Red Rose Orange Scarlet
White Yellow or All These Colors Mixed

Top Size Bulbs: 25c each; 70c for 3; \$2.65 for 12;
\$4.85 for 25. Prepaid to you.

FLOWER CITY COLLECTION OF GLADIOLUS

Large, Well Grown, No. 1 Size Bulbs

3 BULBS EACH of the 8 kinds pictured here—24
bulbs—value \$4.25—prepaid to you for only . . . \$3.65

6 BULBS EACH of the 8 kinds shown in color—48
bulbs—value \$7.35—prepaid to you for only . . . \$6.45

We Think
Hungaria is the
Best of the
Pink-Flowering
Cannas



Large FLOWERED CANNAS

Blooms from early summer until frost and do well in any sunny spot. Grow from 3 to 5 feet in height.

Eureka. White flowers; green foliage. 4 feet tall.

Hungaria. Deep rose-pink; green foliage. 3½ feet.

King Humbert. Orange-scarlet blooms; bronze foliage. 5 feet.

The President. Scarlet flowers; green foliage. 5 feet.

Yellow King Humbert. Yellow flowers spotted red; green foliage. 4½ feet.

Strong, Northern-Grown Tubers:

25c each; 3 for 65c; 12 for \$2.35. Postpaid to you.

Spotlight

Picardy

Red Charm

Annamae

Ogarita

Abu Hassan

Elizabeth the Queen Dr. Whitely





HARDY LILIES

For Your Garden

Rubrum—
Tops the
List of
Lilies



REGALE—Most Popular of All Lilies

COLLECTION OF LILIES

GENESEE COLLECTION No. 1

One bulb each of these four splendid Lilies. Each kind labeled with variety name. Catalog price \$2.30.

For Only \$1.95, postpaid

GENESEE COLLECTION No. 2

Three bulbs each of these four splendid Lilies. Each kind labeled with variety name. Catalog price \$6.40.

For Only \$5.65, postpaid



AURATUM—

Golden
Band Lily
of Japan



HENRYI—Easy to
Grow. Blooms
Abundantly

HARDY LILIES FOR YOUR GARDEN

The popularity of Lilies in the garden is increasing remarkably fast. We fully expect them to be one of our most popular flowers for the next few years. We recommend that you try some of the new Hybrid Lilies originated in this country. You will remember the illustrations in natural color and the most interesting article in the Saturday Evening Post of some months ago.

AURATUM, Golden Banded Lily of Japan. Giant size white flowers with a golden band down the center of each petal. The fragrant flowers, heavily spotted with crimson, are carried on strong stems 3 to 6 ft. high. Plant 9 to 12 in. deep.

Large bulbs, 60c each; 3 for \$1.65; 12 for \$6.35; 25 for \$12.45

BELLINGHAM HYBRID LILIES. The colors of these hybrids range from clear yellow through the oranges to the bright orange-reds with scarlet-tipped petals. Most of the flowers are interestingly spotted with reddish brown. The buds are narrow and reveal the attractive spotting of the petals long before the flower opens. The pyramidal flower heads bearing up to 20 blooms are ideally spaced on tall, straight, slender stems. Splendid for cutting.

Top quality bulbs, 60c each; 3 for \$1.65; 12 for \$6.35; 25 for \$12.45

CENTIFOLIUM OLYMPIC HYBRIDS. There is a pleasing variation among these hybrids, from typical trumpet to widely opened bowl-shaped flowers with petals slightly twisted and ruffled. Colors range to new combinations and include creamy yellow trumpets, soft fuchsia-pink and the popular cool icy green. Outside of petals delicately shaded with light green, soft wine tints or pure glistening white. Bloom in July. Plant 5 inches deep.

55c each; 3 for \$1.45; 12 for \$5.75; 25 for \$11.25

CONCOLOR. Bright red star-shaped flowers in late spring and early summer, held erect on strong, wiry stems. Grows 3 to 4 feet high and has twelve or more flowers on each stem. Plant in groups in the garden for color. Splendid cut flower. Plant 3 to 4 inches deep.

Top quality bulbs, 60c each; 3 for \$1.65; 12 for \$6.35; 25 for \$12.45

HENRYI. A very beautiful and stately Lily growing 4 to 6 feet in height. The strong stems carry six or more nodding flowers of recurving shape of soft orange with emerald-green hearts. Should be planted in a partially shaded spot and about 10 inches deep. Blooms in August.

Large bulbs, 60c each; 3 for \$1.65; 12 for \$6.35; 25 for \$12.45

LILLIAN CUMMINGS. One of the best of Miss Preston's introductions. Inside the trumpet of these large flowers is clear grenadine-red speckled with brown spots, outside of the trumpet is lighter shade of red. Plant grows 5 feet tall and blooms in June. Plant bulbs 7 inches deep.

Top quality bulbs, \$1.35 each; 3 for \$3.75; 12 for \$13.75

MARTAGON ALBUM. The dainty, pure white, waxlike petalled flowers are gracefully placed on 4-foot stems in the form of a pyramid. It will increase from year to year forming larger and better spikes. Does best when planted among low evergreens and wonderfully well in the shade of trees. Bloom in June. Plant 6 inches deep.

Top quality bulbs, \$1.35 each; 3 for \$3.75; 12 for \$13.75

PARDALINUM GIGANTEUM, Sunset. A very popular Lily that is strong growing and succeeds just about everywhere. The 5- and 6-foot stems are very strong, require no staking, and carry a dozen or more beautiful brilliant sunset-red flowers with yellow base in clusters during July. Plant 5 inches deep.

Top quality bulbs, 55c each; \$1.45 for 3; \$5.75 for 12; \$11.25 for 25

REGALE or ROYAL LILY. Large and fragrant, trumpet-shaped flowers with pure white centers, canary-yellow in the throat; outside of petals white with a shading of lilac-pink. Stems grow 4 to 6 feet high and a single plant will often bear from 15 to 20 blossoms. Blooms June and July. One of the most beautiful and easiest grown of all Lilies, individual blooms are 6 inches in length and 4 to 5 inches across the mouth. Plant 5 inches deep in good, well-drained soil.

Large bulbs, 45c each; 3 for \$1.25; 12 for \$4.75

SPECIOSUM RUBRUM. The best known and best liked of the recurved type of garden Lilies. The tall, sturdy, 4- to 5-foot plants carry well-branched sprays of delicately scented flowers of cream-pink with a light edge and vivid crimson speckles. They flower in August and September. Speciosum Lilies are stem rooting and therefore should be planted 9 inches or more deep in soil of good drainage.

Each 65c; \$1.85 for 3; \$7.25 for 12

GOLDEN WEST LILY COLLECTION. 6 gorgeous varieties for \$4.35, postpaid. One bulb of each kind: Bellingham Hybrids, Olympic Hybrids, Concolor, Lillian Cummings, Martagon Album, "Sunset."

3 collections for \$12.45, prepaid to you

FANCIER'S COLLECTION OF LILIES. 10 lovely kinds for \$6.25, postpaid. One bulb of each of the 10 kinds described on this page. Each bulb labeled as to variety.

3 collections for \$15.95, prepaid to you

Hart & Vick's STRAWBERRY PLANTS

WE GUARANTEE

We guarantee our Strawberry plants to reach you in good condition and to start growing, providing you plant them correctly and take care of them. We will replace any that do not start to grow if you will notify us within 14 days after you receive the plants.

We deliver free of charge. Complete planting and directions for the care of plants are sent with every order.

FAIRFAX. The berries are large and firm with a most delicious flavor. The color is deep red at the picking stage, and gets quite dark as they get older. For growers who prefer a dark-colored berry of high quality, we recommend Fairfax. Flowers are perfect.

25 plants for \$1.25; 50 for \$2.00; 100 for \$3.25;
250 for \$6.50, postpaid to you

PREMIER. Most popular and best early Strawberry and probably the most reliable and productive variety ever introduced. The fruit is large, firm, well-shaped, deep bright red all over. The quality is very high, flavor delicious. Plants are strong, healthy and very prolific, bearing early and over a long period. The blossoms are perfect.

25 plants for \$1.25; 50 for \$2.00; 100 for \$3.25;
250 for \$6.50, postpaid to you

SPARKLE. This new midseason berry with its tremendous crop of bright, glossy red fruit is probably the best freezing kind ever introduced. It has just about everything that goes toward the making of a perfect Strawberry. Bright color right to the stem; top quality; firmness; wonderful flavor; good size; strong growing plant; hardy; resistant to disease and very high yielder. A great berry both for the home and market garden.

25 plants for \$1.25; 50 for \$2.00; 100 for \$3.25; 250 for \$6.50

STREAMLINER. New Giant Size Everbearer for Quick Freezing. This Strawberry has everything, size, shape, color, quality. Begins bearing in July and continues to give you uniformly large fruit until hard freezing weather. Tops for shortcake, canning and freezing for it requires a minimum of sugar. The ideal everbearer for garden. Plants set out this spring will bear fruit this first summer and fall.

25 plants for \$1.50; 50 for \$2.50; 100 for \$4.00;
250 for \$8.75, postpaid to you



Fairfax

Premier

Sparkle

Dirt-Proof, Washable GARDEN GLOVES



ALL LEATHER and
DURABLE yet
SOFT AS KID and
EASY TO WEAR

—for Men and Women

Easy Wear gives you everything you've been wanting in a garden glove:

All-leather protection from dirt, scratches, stains, infection—yet permit almost BAREHAND FREEDOM. Their amazing softness and pliability is the result of a special processing of select lamb skins. Economical, too—outwear 6 pairs of ordinary fabric gloves, are washable and can be used the year round for gardening, housework, yard, painting, furnace, garage, etc.

Sizes for WOMEN (small, medium, large)—for MEN (small, medium, large).

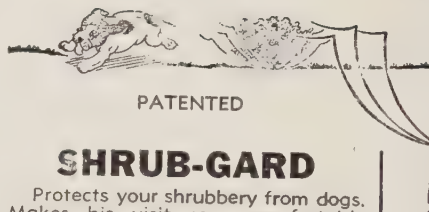
Price: \$1.25 per pair, postpaid

National **GARDEN**
Easy Wear Gloves



DANDELION WEEDER

Hammer forged steel. Hardwood handle. V-shaped blade for easier cutting. Also used to harvest Asparagus. Length 14 in. 55c each; 65c postpaid.



PATENTED

SHRUB-GARD

Protects your shrubbery from dogs. Makes his visit so uncomfortable that he keeps away, yet it is so constructed that it will not harm the dog. The Shrub-Gard is a unit of steel spring wires that are flexible and will not tear clothing of passers-by.

Each Shrub-Gard has three prongs and covers approximately 2½ lineal feet.

Harmless to dogs or humans.

Packed one dozen to a carton, weight 2½ lbs.

Price: \$2.25 per doz., postpaid to you.



FERTILIZE AS YOU SPRINKLE With the Hayes Proportioner

Liquid and soluble fertilizers, weed killers, etc. Economically, safely applies through your garden hose as you sprinkle the lawn and garden. Attach this proportioner to the faucet. Drop suction tube into container of concentrated fertilizer, etc. Turn on faucet and that's all there is to it. **Hayes Proportioner.** Mixes the spray accurately. Price: \$1.95; postpaid \$2.15.

MASTERS FERTILIZER AND SEED DISTRIBUTORS

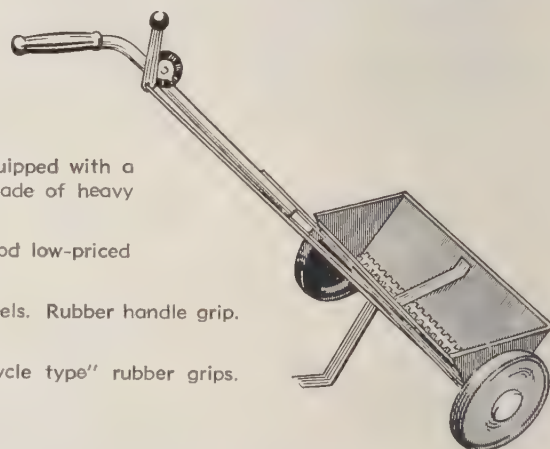
These newly designed Masters Distributors are now better than ever. They are made to give perfect distribution of Commercial Fertilizers, Grass Seed, Sand and Dry Insecticides by a patented rotary agitator that insures the free flow of the material. The automatic shut-off and adjusting device on the handle regulates the quantity to be distributed. Equipped with a perforated scatterboard, it sifts as it distributes. It sows as it distributes. Covers every inch evenly. Made of heavy gauge steel covered with rust and erosion-proof enamel.

No. 25-S. 20-lb. capacity, 18 inches wide, sturdy wood handle, heavy steel wheels. A good low-priced spreader. \$6.75.

No. 25-D. 20-lb. capacity, 18 inches wide. Tubular steel handle. Rubber-tired steel wheels. Rubber handle grip. \$7.75.

No. 30. 50-lb. capacity, 18 inches wide. All steel. Tubular steel handle with two "bicycle type" rubber grips. Rubber tires. \$10.75.

Prices on all Spreaders, F.O.B. Rochester, N. Y.



HOLE-IN-ONE PLANTER

A handy tool that makes setting out bulbs and plants easier. Push the tool into the soil, remove with a slight twisting motion and the soil comes with it, leaving a clean, flat-bottomed hole.

75c each; postpaid, 85c

FERTILE POTS

For Earlier, Better Crops

A new and greatly improved formula used in the manufacture of these popular manure pots now makes them better than ever. Sow the seed right in the pot or transplant young plants into them. Set pot, plant and all out in the field without checking its growth. The pots will furnish food and moisture and keep the plant growing.

No. 2½ (about 2½ inches in diameter).

60c for 12; \$1.85 for 50; \$3.10 for 100; \$5.65 for 250, prepaid

No. 3 (about 3 inches in diameter).

75c for 12; \$2.15 for 50; \$3.70 for 100; \$6.55 for 250, prepaid

MASTERS HANDI-CART

Modern Successor to the
Wheelbarrow

This Masters Handi-Cart really takes the hard work out of every job of moving dirt, sand, gravel, leaves, grass cuttings, trash, etc. Ideal to move barrels, boxes, rocks, bricks or any other movable heavy objects. Simply tip it down. Rake, shovel, roll or shove into it to load. Eliminates lifting. Tip it back and "away you go" loaded. Unloads just as easily. Designed and built to stand overloading and abuse. Spot welded throughout. Reinforced sheet steel body, solid steel axle, 10-inch steel-disc rubber-tired wheels will give years of service.

Capacity 3 cubic feet. Length 26½ in.; width 19 in.; depth in center 14 in. Price: \$8.95, f.o.b. Rochester, N. Y.



SEEDMASTER

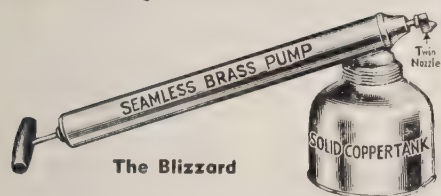
Sows Grass Seed Evenly,
Accurately, Without Waste

One of the handiest little machines we have ever had the pleasure to offer to our customers. We tried this out last season and it does a seeding job perfectly. Just fill the hopper and squeeze the handle. Distributes the seed in a 4-foot wide path. The machine is very well designed and made of sturdy materials. Will last many years. Price: \$2.98, prepaid to you.



Sprayers and Dusters for Garden and Greenhouse

THE BLIZZARD CONTINUOUS ACTION QUART-SIZE SPRAYER



The Blizzard

The very best hand sprayer we have ever sold. Pump is made of seamless brass, tank solid copper, has twin-spray nozzles. Price: \$4.25; postpaid \$4.50.



UTK Sprayer

UTK. Quart-size sprayer, heavy Armco Zinc-Grip steel tank, heavy tin pump, twin brass nozzle for fog spray. Price: \$1.35; postpaid \$1.60.



Sturdy quart-size tank made of Armco Steel. Easy to work pump, fine mistlike spray. Single action. No. 3. Price 65c; postpaid 90c.

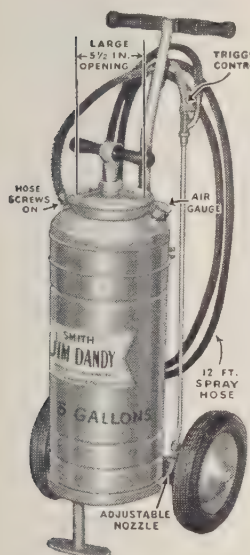
NEW TYPE DUSTER



The best hand duster for the home vegetable and flower garden. Made of heavy metal, lasts a long time and does a really splendid job of putting dust on plants. Two-way cap dusts over and under the foliage. \$1.75; postpaid \$2.00.

JIM-DANDY CART SPRAYER

For spraying weed killer, vegetables, flowers, trees, greenhouses, fighting fires. Balloon tires, roller bearings. Made of rust-resisting steel, 5-gal. capacity. Easy filling. 12-ft. hose. Trigger shutoff. Air pressure gauge. \$34.50 complete.

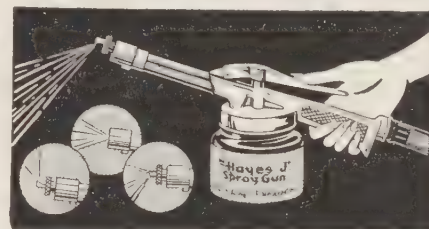
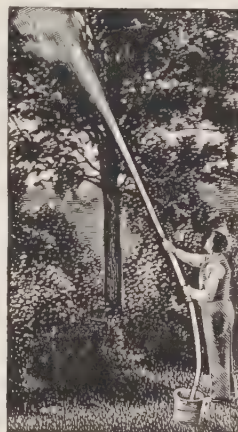


C. C. C. BUCKET PUMP

Best low-priced solid-brass tree sprayer made. Operates from a bucket. Puts a fine mistlike spray on flowers, vegetables, Roses, or a 30-ft. stream on tall trees. Equipped with 2-spray nozzles and wall bracket. \$9.95; postpaid \$10.35.

THIS IS A JAPANESE BEETLE

About 1/2 inch long, bronzy purple color, thin white stripe down each wing. Eats everything green in sight during July and August.



FOR THE "AVERAGE SIZE" GARDEN

HAYES JR. SPRAY GUN

Famous all-purpose sprayer makes 3 gallons of mixed spray material at a time. Sprays liquids and most wettable powders up, down, sideways. Light, easy to use. Just attach HAYES JR. to garden hose and HAYES JR. sprays! Gives efficient performance of heavy, expensive equipment. Operates on water pressure from 30 to 175 pounds. No moving parts to wear out or break—insures long life and satisfactory service.

Price: \$6.95; postpaid \$7.25



THE MODERN WAY TO SPRAY

Attached to your garden hose it sprays, in correct proportions, insecticides and fungicides on plants, shrubs and roses.

Garden Hose Sprayer. Chrome finish, adjustable nozzle. Price: \$5.50

Extension Rod. Chrome finish, 36 inches long. Price: \$1.75

Weed-O-Spray. Combination set. Price: \$1.50

Applicator and 2 - 2, 4-D Cartridges.

Additional Transparent Chambers and Couplings. Price: \$2.00

Additional Transparent Chambers, with Metal Ends. Price: \$1.50

INSECTICIDE AND FUNGICIDE CARTRIDGES

35c each; \$1.00 for 3; \$4.00 for 12.

DDT Cartridge. For eating, sucking and biting insects.

Arsen-O-Spray. Poisonous spray that kills leaf eaters.

Cryolite Cartridge. Cabbage and tomato worms, bean and cucumber beetles.

Rot-O-Spray. Non-poisonous, kills insects on vegetable plants.

Sulph-O-Spray. For control of fungus and black spot.

Weed-O-Spray. Kills weeds in lawns. 2, 4-D.

Hart & Vick's Flower Holders

These flower holders are indispensable when arranging flowers in bowls or shallow vases for table decoration. Simply push the cut end of the stem over the pin and the flower is held firmly.

These pin-type holders are made of the best materials with heavy metal bases and closely set needle-sharp pins, making them adaptable for either slender- or large-stemmed flowers. They are enameled a leaf-green color.

ROUND HOLDERS

	Each
1 1/2 in. in diameter	\$0.35
2 1/4 in. in diameter	.60
3 1/8 in. in diameter	1.15
4 in. in diameter	1.65
6 in. in diameter	3.50

OVAL HOLDERS

1 3/4 x 3 1/2 in.	\$1.10
2 1/8 x 4 1/4 in.	1.45

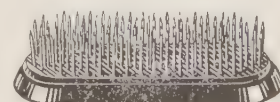
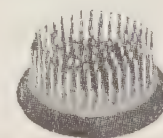
OBLONG HOLDERS

3 1/2 - 1 3/8 in.	\$0.75
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RECTANGLE HOLDERS

1 1/8 x 5 in.	\$1.00
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The new "Pin Flower" holder is composed of a rosette of petals made of heavy rust-proof metal which will not tip or allow an arrangement to topple and has securely fastened within its heart a pin-type flower-holder, all brass, needle-sharp pins 1/8 inch apart. A valuable addition to any collection of flower holders. Comes in leaf-green and in white. 4 inches in diameter, \$1.65 each with under parts of leaves green.





SCARE-AWAY

The Modern Scarecrow

Rids gardens, orchards, and berry patches of destructive birds and small wild animals.

Protects newly planted seeds, tender young sprouts, all ripe berries, fruits and vegetables, etc. A new garden policeman useful from planting time to harvest.

Scientifically designed 15-inch metallic strips (pat. pend.) drive out garden marauders with a frightening combination of crackling noise, flashing light and fluttering motion. Easy to hang from string or wire. Valuable to commercial growers of strawberries, cherries and other fruits. Also useful for protecting the appearance of flowers, ornamental shrubs, even of boats and buildings where birds like to roost.

Tested and approved by reliable garden authorities. Highly praised by gardeners all over the nation.

**10 Scare-Away Units, 25c;
pkg. of 100 for \$2.00,
prepaid**

Rubber Bulb Sprayer. Waters plants the easy and best way. Applies insecticides, sprinkles clothes when ironing or pressing, siphons water from bowls, containers without disturbing flower arrangements. Heavy ribbed red rubber, pint size, two hose nozzles. Prepaid to you for \$1.25.

Potting Soil. Specially prepared for the growing of African Violets. Quart 20c; 4 gals. 60c; 8 qts. \$1.00. If you want this sent to you add 20c for 1 qt. and 6c for each additional quart.

Wik-Fed Pots. Attractive plastic flower pots, complete with water reservoir and glass wick for automatic watering. Colors: yellow, green, cream. 4-inch diameter at top. Prepaid to you for \$1.25 each; \$6.85 for 6; \$12.50 for 12. 5-inch pots, \$1.50 each; \$8.25 for 6; \$15.00 for 12.

Glaswick. For root-watering plants, seeds and bulbs in pots and flats. 30c per foot prepaid to you.

Charcoal. Put in the bottom of pots and bowls, helps keep the soil and water sweet. 2 ozs. 15c, prepaid to you.



PRETTY AS A PICTURE
AND FRAMED BY . . .

stikit wicket®

the modern fencing

BEAUTIFIES AND PROTECTS

Easy to hammer into
hard ground



Easily installed, each unit is 21" high, 12" wide, white or green baked enamel on 1/4" hardened steel. Carton of two dozen makes 24 feet of fence, enough for the average flower bed.

NOW \$1.89 PER DOZEN
(FORMERLY \$2.40)



Cut No. TR-1

**NEW!
DIFFERENT!**

**Weatherized
TRELLIS NETTING**

Ideal Support for SWEET PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES

Grows finer, larger flowers and vegetables. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.)

Doesn't rot like string—lasts several seasons. In 3 sizes: No. 1, 60x72 in., 65c; No. 2, 60x96 in., 85c; No. 3, 60x180 in., \$1.25 Postpaid.

TRAIN-ETTS



KNEE PADS

Comfortable cushion for the knee. They prevent moisture from penetrating your clothes. Protect from bruises. Fit any knee and will not slip down when walking. Made of thick, pliable sponge rubber. Will wear a lifetime. \$2.00 per pair, prepaid to you.

JAPANESE BEETLE TRAPS

Protect your Lawn, Flowers, Shrubbery and Trees. Catch the Japanese Beetle and destroy him.

Directions for using to the best advantage sent with each trap.

Trap No. 3. Complete with cage. \$1.40

Bait No. 11. One ounce with wick, will last 4 to 6 weeks. 50c each

Steel Rod for hanging trap. 35c



Protect Your Garden Against

**Rain - - Wind
Bugs - Frost
with**

Hotkaps

HOTKAPS, like miniature greenhouses, keep out weather and insects, promote sturdier growth and bring plants to maturity weeks earlier.

25 Hotkaps with setter \$0.70; postpaid \$0.85

100 Hotkaps with setter 2.75; postpaid 2.95

250 Hotkaps with setter 4.65; postpaid 4.95

1000 Hotkaps \$14.65, not prepaid.

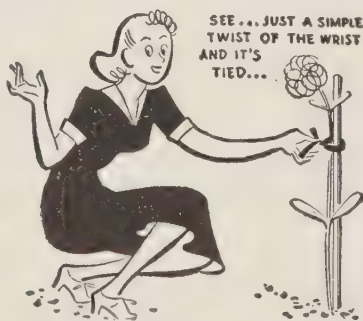
Fiberboard setters 20c each; postpaid 30c.
Steel setters \$1.95; postpaid \$2.15.

HOTENTS

Are Much Larger Hotkaps

Miniature hothouses made of heavy waxed KAPS—10 1/2 x 14 1/2 x 8 1/2. Give the plant plenty of room to grow in. Protect against wind, hard rain, bugs and frost. Makes earlier and better vegetables. Postpaid to you.

25 for \$1.25; 50 for \$2.00; 100 for \$3.35



'TWIST-EMS'

Help You to Support Plants Quickly, Neatly, Permanently

Say "goodbye" to unsightly twine and raffia, to needless work with shears. Say "hello" to TWIST-EMS, to gardening fun, to lovely plants neatly and properly supported. TWIST-EMS—strong dark-green "invisible" tapes with wire reinforcing—protect stems, permanently support annuals, perennials, vines, shrubs and vegetables. Grand for flower arrangement. Millions used by successful nurserymen, professional and amateur gardeners. Buy today.

Postpaid to you.

Box of 125—8-inch size \$0.35
Box of 200—4-inch size25



WILD BIRD SEED FEEDER

Of rustic hemlock and southern cypress. Glass front permits clear vision of the food supply. Hinged roof. Height 11 inches.

Price: \$3.50
postpaid \$3.85

WILD BIRD CAKE RACK

Attractive in appearance and attractive to the birds. Will bring many species. Height 10 inches.

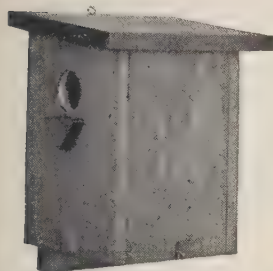
Price: \$1.45; postpaid \$1.80. Complete with cake \$1.85; postpaid \$2.15.



No. 42 BLUE BIRD HOUSE

Made of pine stained brown. Very well built with hinged side for easy cleaning. 10 in. high.

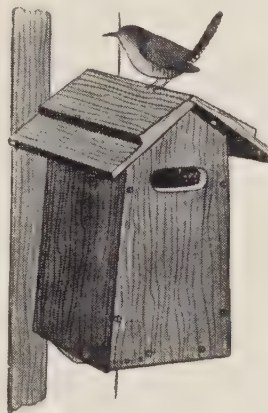
Price: \$2.15;
postpaid \$2.40



ROBIN'S NESTING SHELTER

Robins build their nests of mud and grasses and raise 2 or 3 broods every year, using the same shelter throughout the season.

Price: \$2.95;
postpaid \$3.35

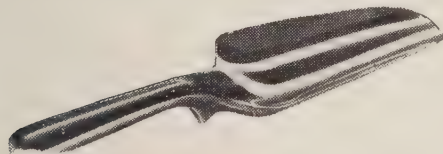


No. V1 THE WREN

Designed for and attractive to wrens. Well built, 6" x 7 1/2" x 11", stained a "woodsy" brown, entire bottom removes for cleaning.

\$3.45; postpaid, \$3.80

FEATHERLITE TROWEL



One-piece aluminum, light weight, amazing strength. Won't rust. 75c each; postpaid 85c

FAN SPRAY



Ideal for watering roots without wetting foliage. A splendid rose nozzle to use when watering just after seeding. Puts lots of water on gently. Heavy brass body and nut.

Price: 65c; postpaid 75c

Fertilizers and Plant Food

If you wish us to prepay carrying charge, add 5c per pound.

Adco. The addition of Adco to the compost pile, or to other vegetable refuse, grass clippings, leaves, etc., at the rate of two pounds to each wheelbarrow-load of refuse, will produce a clean, odorless manure within three or four months.

5-lb. bag \$1.10; 20 lbs. \$2.15

Aluminum Sulphate. Creates acid soils in which rhododendrons, azaleas, etc., are grown.

5 lbs. 75c; 10 lbs. \$1.35; 25 lbs. \$2.25

Bone Meal. For sweetening the soil in the garden or lawn it is unequalled. Helps grow grass in shady places. Use 10 lbs. to each 100 sq. ft.

5 lbs. 65c; 10 lbs. 95c; 25 lbs. \$2.00;

50 lbs. \$3.55; 100 lbs. \$6.75

Bovung. Dehydrated liquid cow manure. We hear more good things said about this fertilizer than any other we handle. For feeding your plants with liquid fertilizer it tops all other kinds. Splendid on roses, shrubs, trees, lawns, vegetable and flower gardens. Will absolutely not burn the plants or the grass. No live weed seeds, sterilization has taken care of this. Use on lawns and gardens at the rate of 10 pounds per 100 square feet.

5 lbs. 45c; 10 lbs. 75c; 25 lbs. \$1.25;

50-lb. bag \$2.35; 5 50-lb. bags at \$2.25 per bag

Hyponex. Grows superior plants in soil, sand or water. Contains Vitamin B1. Clean, odorless, soluble powder, will not spoil nor lose its vitality. 1 teaspoon makes 1 gal. liquid plant food; 1 lb. makes 100 gals.

1-oz. pkg. 10c;

3 ozs. 25c; 7 ozs. 50c; 1b. \$1.00; 10 lbs. \$8.00

Lime, Agricultural Hydrated. Sweetens sour soils and adds plant food; binds loose soils; breaks up clay. Use 1/2 lb. to 1 sq. yd.

5 lbs. 35c; 10 lbs. 50c; 50 lbs. \$1.50

Nitrate of Soda. Most rapid-acting of all fertilizers, furnishing nitrogen to plants almost immediately. Do not apply until plants are above the ground and then very carefully.

Lb. 15c; 5 lbs. 55c; 25 lbs. \$1.75; 100 lbs. \$5.75

Plantabbs. White, completely dissolving plant food tablets with the high analysis: 11% nitrogen; 15% phosphoric acid; 20% potash; plus Vitamin B-1. 4 tablets to 1 gal. water.

10 tablets\$0.10

30 tablets25

75 tablets50

200 tablets 1.00

Peat Moss. A vegetable product splendid for mulching the rose and perennial bed. It retains moisture, keeping the earth from drying and cracking, breaks up clay, and binds together sandy soils. Spread over and raked into the grass, it holds moisture and keeps the lawn green throughout the summer. 1 bale covers 600 sq. ft. 1/4 inch deep.

Full bale \$5.25; 1/2 bale \$3.25

Salt, Agricultural. Occasionally used as a top-dressing for Asparagus. Also effective as a weed killer on roadways, paths, etc.

25 lbs. 75c; 100 lbs. \$2.25; 500 lbs. \$8.00

Sheep Manure. Pulverized Sheep Manure, free from straw and rubbish and sterilized, which has killed all weed seeds. This manure not only feeds the plant roots, but builds up the soil. Absolutely safe to use; it will not burn the plants. Spread it 10 lbs. to each 100 sq. ft.

10 lbs. 75c; 25 lbs. \$1.35; 50 lbs. \$2.25;

100 lbs. \$4.00; 500 lbs. at \$3.75 per 100;

1000 lbs. at \$3.50 per 100

Sulphate of Ammonia. Makes soil acid for such plants as Rhododendrons, Azaleas, Blueberries, Bent Grass lawns, etc.

5 lbs. 55c;

10 lbs. 95c; 25 lbs. \$2.00; 100 lbs. \$5.85

Tobacco Stems. Shredded tobacco leaves and stems that make a wonderful mulch and top-dressing for lawns and gardens. Retains moisture, feeds plants, drives away bugs.

50 lbs. \$2.25; 100 lbs. \$4.25

Complete Plant Food

Feed Everything
You Grow
with
this complete
balanced diet



5 lbs. ...\$0.50

10 lbs.90

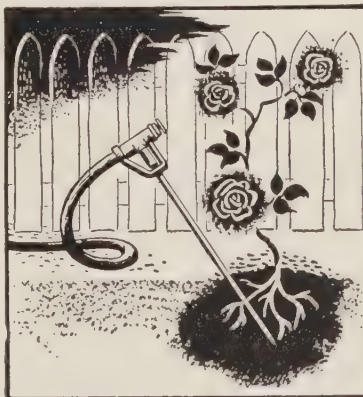
25 lbs. ... 1.60

50 lbs. ... 2.65

100 lbs. ... 4.25

Write for prices
in larger quantities.

ROSS ROOT FEEDER



Sturdy practical appliance that puts food and water directly in the root zone of flowers, trees, lawns. Attaches to any standard garden hose. Equipped with control valve, food chamber and steel feed tube. Price: \$3.50, complete with 12 nutrient cartridges. Additional cartridges, \$1.00 per doz.

TERRA-LITE* Vermiculite

The most talked-of product in gardening in years! Composed of countless tiny air cells, Terra-Lite Vermiculite holds and releases air and moisture in just the right quantities. Not a fertilizer, but a superior growing medium—good for all these jobs:

Starting Seeds. Quicker, bigger development, easy to transplant.

Lightening Soil. Breaks up heavy clay, aerates soil.

An Ideal Mulch. Protects plants winter or summer.

Transplanting. Promotes healthy growth for all plants.

New Lawns. Finer lawns, with less frequent watering.

Rooting Cuttings. Sure-fire medium for strong fast rooting.

Storing Bulbs. Stops storage rot. Keeps bulbs firm and plump.

Price: 4 qts. 35c; 16-qt. bag 75c, postpaid. Bags of 2 cu. ft. \$1.85, not prepaid.



Remedies for Insects and Fungus

When wanted by Parcel Post, add for postage as follows: 10c for 1 lb. (or 1 pt.); 15c for 2 lbs. (or 1 qt.); 25c for 5 lbs.; 35c for 10 lbs. (or 1 gal.).

Prices subject to change without notice.

All-Purpose Sprays and Dusts

Boncop. A Rotenone and Copper Dust to control chewing and sucking insects and worms on celery, tomatoes, eggplant, potatoes, melons and cucumbers. Also controls scab, wilt, mildew, blight on tomatoes and potatoes. Start dusting when the plants are young and repeat every week as necessary to keep the foliage covered with dust. 1 lb. 45c; 5 lbs. \$1.75

Floral Dust or Spray. (DuPont.) A combination containing rotenone, methoxychlor, Fermate and sulphur that controls blights, scab and leaf spot as well as sucking and chewing insects. 1 lb. \$1.15; 4 lbs. \$3.50

Fruit Tree Dust or Spray. For complete insect and disease control after the dormant stage, on fruit trees and small fruit bushes. Contains sulfur, DDT and lead arsenate. 1 lb. 55c; 3 lbs. \$1.35

Pomo-Green with Nicotine. Used as both dust and spray to control both sucking and chewing insects, and diseases, on plants, shrubs, and roses. A poison. Lb. \$1.00; 5 lbs. \$3.85

Kolo Sulphur Rotenone Dust. Contains .75% Rotenone. A combined insecticide and fungicide for flowers, certain vegetables where sulphur can be used, and on greenhouse plants, ornamentals and shrubs. For use in the control of Mexican bean beetles, worms and aphids on cabbage and cauliflower, pea aphid, asparagus beetle and rust, tomato worm, flea beetles, black spot and mildew on roses, gladiolus thrip. 1 lb. 50c; 4 lbs. \$1.30

Tri-ogen. For your roses, shrubs, evergreens, annual and perennial plants. Protects against and kills leaf-eating insects, sucking insects. Controls mildew, black spot, rust and fungus. Kit E—makes 8 qts. of spray \$1.35
Kit A—makes 16 qts. of spray 2.25
Kit B—makes 64 qts. of spray 6.00
Kit C—makes 32 gals. of spray 9.00
Kit D—makes 115 gals. of spray 30.00

Tri-ogen Dust. A new product for those who prefer dusting to spraying. It serves the same purpose as liquid Tri-ogen in protecting roses from black spot, mildew, and both chewing and sucking insects. 1 lb. 85c; 5 lbs. \$3.50

Potato Dust or Spray. Contains 5% DDT, calcium arsenate and copper. An economical insecticide and fungicide for use in the control of bugs and blight on potatoes, tomatoes and other vegetables having hardy foliage. 1 lb. 60c; 4 lbs. \$1.65

Cuke and Melon Dust. An excellent general purpose dust for use in controlling plant diseases and chewing insects, insects attacking cucumbers, melons and related crops. Contains Copper and Tri-Calcium Arsenate. 1 lb. 40c; 4 lbs. \$1.00

Vegetable Garden Dust or Spray. (DuPont.) A combination of DDT, rotenone, Fermate and Zerlate that controls sucking and chewing insects as well as fungous diseases. 1 lb. \$1.15; 4 lbs. \$3.50

To Control Black Spot and Other Plant Diseases

Bordeaux Mixture. (Powder.) Well known control for blight, black rot, leaf curl and other fungous diseases on fruits, vegetables and plants. 1 lb. will make 5 gals. of liquid. Lb. 40c; 4 lbs. \$1.00

Fermate. A new fungicide for the control of black spot, rust, scab and other blights. Compatible with sulphur, DDT, nicotine, and arsenate of lead. 8 ozs. 75c; 3 lbs. \$2.75

These Kill Sucking and Leaf-Eating Insects

Arsenate of Lead. (Powdered.) For caterpillars, codling moths, and all leaf-chewing insects. Can be used mixed with water. 1 lb. to 40 gals., or as a dry dusting. Poisonous. 1 lb. 50c; 4 lbs. \$1.45

Black Leaf 40. A concentrated nicotine solution for aphids, thrip, and red spider; also used successfully to rid poultry of lice by painting it on the perches. Dilute 1 oz. in from 3 to 6 gals. of water. Oz. 35c; 5 ozs. \$1.05; lb. \$2.45; 2 lbs. \$4.15; 5 lbs. \$7.40; 10 lbs. \$12.65

D-X Spray. A concentrated plant spray containing rotenone, pyrethrum and DDT. Controls sucking and chewing insects on fruits, flowers and vegetables. 1 1/2 ozs. 50c; 8 ozs. \$1.75; 1 qt. \$5.25

Fruit, Vegetable and Flower Dust. Contains 3% DDT. An insecticide only. For use in the control of Japanese beetle on flowers and ornamentals, also Colorado potato beetle, flea beetles; leaf hoppers on grapes and beans; cabbage worms and certain other insects attacking fruit, vegetables, flowers and ornamentals. 1 lb. 40c; 4 lbs. 85c

50% DDT Wettable Powder. For diluting in water or mixing with talc to prepare dust or spray of desired strength. Particularly suited to controlling Japanese beetle grub in lawn areas or as a spray for fruits, flowers and vegetables wherever a whitish residue is not objectionable. 1 lb. 60c; 3 lbs. \$1.40

Rotenone Dust. Non-poisonous. Can be used as a dust or spray to kill eating and sucking insects. 1 lb. 45c; 4 lbs. \$1.00

Tobacco Dust. (For dusting.) Easily applied with dust gun to rid plants of aphids, thrips, leaf-hoppers, etc. Clings to the plant. 20-oz. pkg. 25c; 5 lbs. 50c; 25 lbs. \$1.50; 100 lbs. \$4.00

To Control Scale

Lime-Sulphur. (Powder.) For spraying fruit and shade trees, shrubs and roses when they are dormant. Protects against scale, leaf curl and brown rot on peaches; an excellent fungicide. Dilute 1 lb. to 5 gals. water. Lb. 45c; 5 lbs. \$1.95

Scalecide. A dormant spray for all fruit and ornamental trees, shrubs, and vines, which drop their foliage in winter; also for evergreens. Controls scales, aphids, red mite, gall of evergreens, heals tree cankers and prevents decay. Dilute 1 to 15 for fruit and most ornamentals. Qt. \$1.00; gal. \$2.40; 5 gals. \$8.10

Volck. The oil spray insecticide and spray carrier. For use against scale insects, mealy bug, red spider, white fly and certain other garden pests. Gives a luster to the foliage. Mixes readily with water, goes farther, very effective, non-poisonous. 4-oz. bottle 35c; pt. 70c; gal. \$2.85

Wettable Sulfur. Instantly wettable. Helps control black spot and mildew on roses, rust on asters and carnations, mildew on zinnias, dahlias, phlox, etc. Very finely ground, 15 times finer than ordinary dusting sulfur and gives complete coverage. Use 4 level tablespoons to 1 gal. water. 2 lbs. 45c; 4 lbs. 65c

Sulphur, Hart & Vick's Dusting. To control black spot, blight, mildew on rose bushes and plants. Lb. 15c; 5 lbs. 65c; 10 lbs. \$1.00; 25 lbs. \$2.25

Miscellaneous

Chlordane Dust or Spray. (6% Chlordane.) Controls ants, grasshoppers, Japanese Beetle and other turf insects. Dust or spray it on the lawn. 1 lb. 50c; 4 lbs. \$1.40

Grafting Wax (Trowbridge). For grafting, budding, top working, etc., of all kinds of trees, shrubs and vines. 1/4 lb. 30c; 1/2 lb. 45c; 1 lb. 70c; 5 lbs. or more at 65c per lb.

Mouse Nots. Is not a poison; harmless to humans and domestic animals, including dogs, cats, poultry, etc. Packed in boxes containing 9 pellets. Place a pellet wherever there are signs of these rodents. It is not necessary to remove wrapper in placing. Box 25c; large box \$1.00

Nico-Fume Powder, Pressure Fumigator. Pound fumigates 25,000 cubic feet of greenhouse space. 1/2-lb. tin 60c; 1-lb. tin 90c

No-Crow. Keeps crows and pheasants away from seed corn. 1/2 pint treats 1 bushel seed. 1/2 pt. 60c; qt. \$1.00; qt. \$1.75

Pestroy Liquid. A 6% DDT that may be applied with a brush to screens, doorways, base boards, thresholds, etc, for the control of flies, mosquitoes, cockroaches, and many other insects. Pt. 69c; qt. \$1.19

Rat Nots. The ideal exterminator. Comes in conveniently prepared bait form. No traps to clean, no mixing, no muss or fuss. Pkg. 25c; estate size \$1.00

Roach Nots. A prepared bait in package form. Handy and efficient. 25c and \$1.00 sizes

Barsprout. An amazing new aid for keeping stored potatoes, beets, carrots, turnips, and such root crops. Prevents sprouting, reduces shrinkage, imports no harmful effect to treated tubers. 12-oz. can treats 8 bushels of potatoes \$1.00

Tree Paint. An insurance against decay for pruning scars and open wounds. Penetrates and is antiseptic. Qt. 45c; gal. \$1.20

Tree Kote. Made for grafting, pruning or casual tree wounds. Ready to use, easy to apply. An excellent filler for cavities in tree surgery when mixed with sand and cement. May also be used for wood or metal roof repairs. 1-pt. can 50c; 1-qt. can 70c

To Control Underground Pests, Cutworms, Moles, Etc.

Cyanogas (A) Dust. For outside use in killing rats, moles, woodchucks, ants, gophers, and ground squirrels. Also for white grubs and grayfish in lawns. Lb. 75c; 5 lbs. \$3.00

Japidemic. Milky Disease Spore Dust. Nature's control medium which destroys the grub of the Japanese beetle. Japidemic is harmless to grass and other plant life, and has no ill effects on human beings or warm-blooded animals. Japidemic is distributed on top of the ground or on turf in grub-infested areas. It is not to be used as a spray as it has no effect on the adult beetle. One pound will treat approximately 4000 sq. ft. \$5.00 per lb.

Mologen. Kills moles the easy way. Non-poisonous to birds and pets. Will not harm the lawn or plants. Acts quickly and surely. 1/2 lb. 50c; 1 1/2 lbs. \$1.25

Mole Nots. Ready to use. An attractive food for moles, gophers, etc. Exterminates quickly. Trial size 35c; jumbo size \$1.00

Naphthalene Flakes. Useful in controlling thrip on gladiolus and cyclamen. Kills soil insects. Lb. 25c

Para-Scalecide. A liquid treatment for peach and lilac borers. A combination of Scalecide and Paradichlorobenzene. Qt. \$1.25; gal. \$2.90

Snarol. A poison bait to place around plants, growing in the garden or greenhouse, to kill surface crawling worms, snails, cut-worms. Very efficient. 1-lb. box 35c; 2 1/2-lb. box 75c

Seed Disinfectants and Soil Treating Compounds

Arasan. Organic seed disinfectant. Makes earlier planting possible because it protects from decay. Increases germination and yield. Especially good on lima beans and peas. Ask for free booklet. 3/4 oz., 25c; 8 ozs. 80c

Ceresan, New Improved. For Wheat, Oats, Barley, Rye, etc., to control certain smuts and some other seed-borne diseases. Usually reduces seed decay and seedling damping-off of Cotton, Flax, Peas and Sugar Beets. 4 ozs. 45c; 1 lb. \$1.00; 4 lbs. \$3.40

Semesan. For vegetable and flower seeds and bulbs. Increases germination; makes stronger, earlier-bearing plants; controls damping-off of seedlings. 1/3 oz. 20c; 2 ozs. 60c 12 ozs. \$2.40; 4 lbs. \$11.00

Semesan Bel. For Seed Potatoes. Effective control for scab, rhizoctonia, and black-leg. One pound treats 70 to 80 bushels potatoes. 2 ozs. 50c; lb. \$2.00; 4 lbs. \$6.35

Semesan Jr. For Field and Sweet Corn Seed. Destroys disease germs on the seed, protects from rotting in cold, wet soil. Use 2 ozs. per bushel of seed. 12 ozs. 65c

Spargon. Very effective seed treatment for peas, lima beans, cucumber, melon and squash seed. Combats seed-borne fungi, protects against rotting in ground, increases germination, makes stronger plants and better yields. 2 ounces treats 60 pounds of peas or lima beans. Oz. 25c; 5 ozs. \$1.00; lb. \$2.40

Tersan. Turf fungicide formerly known as "Thiosan." Tersan is an exceptionally effective non-mercurial for prevention or control of large brown patch, and dollar spot on golf courses, grass tennis courts, lawns and other fine turfs. 8 ozs. 80c; 4 lbs. \$5.16; 25 lbs. \$30.00

Modern Horticultural Chemicals

Hormodin. Makes plants root easier, mature earlier, flower sooner. Dip in water and then in the powder. One ounce treats about 2500 cuttings.

Powder No. 1. For Carnations, Roses, Poinsettias, Chrysanthemums. 13/4-oz. tin 50c; lb. \$3.00

Powder No. 2. For woody and semi-woody types. 13/4-oz. tin 75c; lb. \$4.50

Powder No. 3. For resistant species, including evergreens and leafless cuttings. 1-oz. tin \$1.00; 1/2-lb. tin \$4.50

Transplantone. Applied in solution to shrubs and trees, when they are transplanted, makes them "take hold" more quickly. 1/2 oz. 25c; 3 ozs. \$1.00; lb. \$4.00

Fruitone. Stops premature drop of flowers, fruits, and vegetables. Spraying with Fruitone helps pollination, thus producing a better yield. 2/5-oz. pkt. 25c; 2 ozs. \$1.00

Rootone. A hormone dust for better rooting of cuttings, slips, bulbs, seeds. 1/4-oz. pkg., treats 400 cuttings, \$0.25 2-oz. jar, treats 3000 cuttings, \$1.00 1-lb. tin, treats 30,000 cuttings, \$5.00

Kill Ants in the House and Garden

Antrol. Quickly destroys all species of sweets-eating ants. Ready-Filled Sets: 4 glass feeder filled with syrup, 40c. Syrup, 4-oz. bottle 35c.

Ant-X Ant Traps. Safe to use; kills red and black ants indoors and out. 25c each; 3 for 65c

Ant-X Jelly. To use in killing large colonies of black and red ants out-of-doors. Tube 35c

Terro. The most popular and satisfactory sweet eating ant remedy we have ever sold. Easy to use. 1-oz. bottle 25c; 3 ozs. 50c

Cyanogas Ant Killer. Kills both sweet and grease eating, red and black ants with little trouble. A gas-producing powder flowing freely through a spouted bottle right into the ant home. One bottle treats the average lawn. 30c a bottle

When wanted by Parcel Post, add postage or it will be necessary to send these Insecticides and Remedies to you by Express Collect. See top of opposite page for amount of money to send.

Weed Killers

Ammate. The superior weed killer for poison ivy, wild choke cherry, wild blackberry and other woody perennials. Quick action kills foliage in a few hours, translocation kills roots in a few days, permanently. Use any time foliage is green, effective under ordinary weather and growing conditions. Easily applied, non-poisonous. 2-lb. bottle, 85c; 6-lb. bottle \$2.25

Hammond's Weed Killer. Weeds, poison ivy, and all vegetation are easily destroyed with this highly concentrated easy-to-use material. Simply mix with water and apply with a sprinkling can. For use on walks, driveways, tennis courts, etc. 1 qt. 70c; 1 gal. \$2.00

C-Lect Crab Grass Killer. A unique chemical compound containing P.M.A.S. It was discovered at Rhode Island State College to possess the property of selectively destroying matured crab grass and crab grass seedlings, and retarding germination of crab grass seed in the soil. Safe to use on lawn grasses. 8 ozs. (makes 4 gals.) 85c; 16 ozs. (makes 8 gals.) \$1.50

Weedust. The 2,4-D weed killer in dry, powder form. Just dust each weed directly from the ready-to-use can. No measuring, no mixing. Ideal for destroying those "here and there" weeds; just the thing for the man whose property does not require a sprayer. Large can 75c

NO-SEED HORMONE Blossom-Set For Tomatoes

Grow earlier, larger, meatier, more delicious Tomatoes . . . more on each plant . . . with No-Seed Blossom-Set, approved hormone spray that's easy to use. Just mix with water and spray. No-Seed Blossom-Set stops blossom-drop; makes blossoms set fruit chemically. Tomatoes ripen 2 to 4 weeks earlier. Fruits are larger, firmer, more deliciously flavored. Many are seedless because fruit is set chemically, not by pollen. Excellent for strawberries, peppers, cukes, etc. Tested by USDA, leading Universities, Florida and Colorado Experiment Stations, many others.

4-oz. bottle (makes 1 gal.) 75c; pint (makes 4 gals.) \$1.75; Agric. Concentrate (makes 50 gals.) \$5.95.

Brush Killer 32

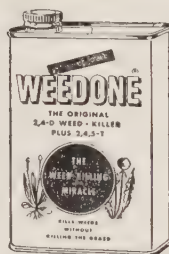
A combination of the powerful 2, 4, 5-T and 2, 4-D. This concentrated butoxy ethanol ester formulation is highly effective in killing brush and weeds in parks, playgrounds, pastures, roadsides, waterways, and any wooded area. Kills a greater range of weeds and woody plants than either 2, 4-D or 2, 4, 5-T spray used alone.

No vapor injury to nearby susceptible crops. Prevents resprouting of stumps.

1-qt. can \$4.00
5-gal. drum \$8.95/gal.
1-gal. can \$9.25
54-gal. drum \$8.60/gal.

Spray the Weeds Out of Your Lawn

The New Improved Weedone
Don't Try to Dig Each and Every Weed Out,
That's an Endless, Back-Breaking Job



Contains the powerful 2, 4, 5-T and 2, 4-D, the two most effective chemicals for killing lawn weeds, poison ivy, poison oak, honeysuckle, wild blackberries, wild raspberries and over 90 other weeds and woody plants without killing the grass. Non-poisonous to animals or humans.

Kills a greater variety of lawn weeds and woody plants than any products containing only one of these chemicals. Does not give off vapors that cause injury to flowers or ornamentals.

- Prevents re-sprouting of tree stumps.
- The only all-purpose weed killer.

8-oz. can (covers 1,250 sq. ft.) \$1.00.
1-gal. can (covers 20,000 sq. ft.) \$6.95.
1-qt. can (covers 5,000 sq. ft.) \$2.75.
5-gal. can \$25.00.

SPRAY THE WEEDS OUT OF YOUR LAWN

Stump Remover

Magic Stump Remover is a chemical compound formulated to eat open sap pores in a stump, to honeycomb and decompose it. With these pores open, the stump becomes sponge-like, porous—can thus be saturated with kerosene clear to the end of the roots and will burn quickly, completely, with a low smoldering flame.

4 ozs. \$1.00; 8 ozs. \$1.50; 16 ozs. \$2.75

Dust Your Sweet Peas, Garden Peas, Beans, and Lupins with



Dust these seeds with Nitragin. It adds nitrogen nodules to the root systems and makes very much stronger growing and heavier bearing plants. One package will treat one pound of seed. Pkg. 15c

Keep Dogs Away from Shrubs

B'have. A liquid preparation to spray around the base of shrubs, trees, evergreens, to keep dogs from ruining them.

6 ozs. 50c; 16 ozs. \$1.00

Chaperone. (Liquid.) For outdoors use. Keeps dogs away from shrubs, evergreens, trees and your porch pillars and steps.

4 ozs. 60c; 8 ozs. \$1.00; 12 ozs. \$1.25
Dogzix. Sprayed on evergreens, trees, shrubs, porches, it keeps dogs away. 3 ozs. 50c; 6 ozs. 75c; 16 ozs. \$1.25

LAWN-BILDER Kills the Weeds Feeds the Grass

A Long Acting Lawn Food Containing 2, 4-D Weed Killer

Guaranteed Analysis

Nitrogen 8%
Phosphorus 8%
Potash 4%
Plus 2, 4-D Weed Killer

Nothing to mix or add, just apply in the dry form as it comes from the package. Immediately effective and also long lasting because its base is soybean meal

Holds moisture and adds humus to the soil. Pleasant to handle; no disagreeable odors. Does not burn. Don't use on new lawns or on Creeping Bent. 100 pounds covers 10,000 sq. ft. Apply at any time. 10-lb. bag \$1.29; 25 lbs. \$2.75; 50 lbs. \$4.85, f.o.b. our warehouse, Rochester, N. Y.

Achillea	26	Cerastium	31	Garland Flower	31	Marvel of Peru	35, 38	Scabiosa	45
Acroclium	26, 35	Cheiranthus	31	Garden Supplies	61, 62, 63	Matricaria	35	Schizanthus	44
Ageratum	26	Chrysanthemums	31	Garden Gadgets		Matthiola	38	Sea Lavender	45
Alkanet	26	Cineraria	31		58, 59, 60, 61	Mignonette	38	Sea Pink	26
Aluminum Sulphate	61	Cinnamon Vine	52	Geum	36	Milfoil	26	Seed Sowers	58
Alyssum	26	Clarkia	31	Gilia	35	Montbretia	53	Shasta Daisy	44
Amaranthus	26	Cleome	31	Gilliflower	45	Morning Glory	40	Shell Flower	53
Amaryllis	52	Cobaea	30	Gladiolus	55	Myosotis	40	Sheep Manure	62
Anagallis	26	Cockscomb	31	Gloxinias	56			Silver Penny	31
Anchusa	26	Coleus	34	Godetia	35	Nasturtiums	41	Snapdragon	28
Angel's Trumpet	34	Columbine	28	Gomphrena	35	Nemesia	40	Snow-in-Summer	31
Antirrhinum	28	Coneflower	44	Gourds	36	Nemophila	40	Snow-on-the-Mountain	34
Aquilegia	28	Coreopsis	31	Grass Seeds	1, 2, 3	Nicotiana	41	Spider Plant	31
Arabis	26	Cornflower	30	Gypsophila	36	Nierembergia	40	Sprayers	59
Arctotis	26	Cosmos	32			Oxalis	53	Statice	35, 45
Armeria	26	Cup-and-Saucer Vine	30	Helenium	36			Stocks	45
Asters	27	Cyclamen	34	Helianthus	37	Pansies	41	Stocks, Evening Scented	38
Aubretia	28	Cynoglossum	31	Helichrysum	35	Pansy, Tufted	47	Stock, Virginian	47
Avens	36	Cypress Vine	32	Heliotrope	37	Painted Tongue	44	Strawberries 57, 3rd cover	
				Heuchera	36	Papaver	43	Strawflower	35
Baby Blue Eyes	40	Dahlias	32, 54	Hollyhocks	36	Peat Moss	61	Summer Cypress	37
Baby's Breath	36	Daisy, African	34, 47	Honesty	35, 36, 38	Pentstemon	43	Sunflower	18, 37
Bachelor Button	30	Daisy, English	28, 34	Horticultural Chemicals	63	Perennial Pea	37	Sun Plant	43
Balsam	28	Daisy, Painted	44	Hotents	60	Peruvian Daffodil	53	Surprise Garden	43
Balloon Vine	28	Daisy, Shasta	44	Hotkaps	60	Peter's Pence	36	Sweet Peas	46
Beetle Traps	60	Daisy, Swan River	28	Hunneemannia	37	Petunia	38, 42	Sweet Sultan	30
Begonia	56	Datura	34	Hyacinth Bean	34	Phlox	43	Sweet William	45
Bellis	28, 34	Delphinium	33	Hyacinthus Candicans	52	Pinks	32	Terra-lite Vermiculite	34, 61
Bird Feeders	61	Dianthus	32	Iberis	29	Plant Food	61	Tickseed	28
Bird Houses	61	Didiscus	34	Information	50, 51	Poppies	43	Tigridia	53
Blanket Flower	35	Digitalis	34	Ismene	53	Poppy, California	35	Tithonia	47
Blue Lace Flower	34	Dimorphothea	34			Poppy, Tulip	37	Tobacco, Sweet-Scented	41
Brachycome	28	Dolichos	34	Kochia	37	Portulaca	43	Trifoma	47
Burning Bush	37	Dusters	59			Primrose	44	Trollius	47
Butterfly Flower	44	Dusty Miller	30	Lantana	37	Pyrethrum	44	Tuberose	53
				Larkspur	37				
Caladium	52	Elephant's Ear	52	Lathyrus	37	Ricinus	44	Velvet Flower	44
Calendula	29	Eschscholtzia	35	Lavatera	37	Rock Cress	26	Venidium	47
Calla	52	Euphorbia	34	Lilies	38, 57	Rock Garden Mixture	41	Verbenas	47
Calliopsis	28	Everlasting Flowers	35	Lime, Agricultural	61	Red Hot Poker	47	Viola	47
Campanulas	29	Fertilizers	61	Linum	38	Remedies	62		
Candytuft	29	Feverfew	35	Lobelia	38	Rudbeckia	44		
Cannas	52	Flax	38	Lunaria	35, 38				
Canterbury Bells	29	Floss Flower	26	Lupinus	38	Salpiglossis	44	Wallflower	31, 47
Cardinal Climber	29	Forget-Me-Not	40			Salvia	44	Woolflower, Chinese	31
Carnations	30	Forget-Me-Not, Chinese	31	Madeira Vine	53	Salt, Agricultural	61		
Castor-Oil Plant	44	Four O'clock	35, 38	Mallow	37	Satin Flower	35	Yarrow	26
Celosia	31	Foxglove	34	Mariaold	39, 45	Scarlet Runner Bean	44		
Centaurea	30	Gaillardia	35			Scarlet Sage	44		

Asparagus	4, 25	Chervil	9	Garden Huckleberry . . .	9	Mustard	15	Radishes	21
Beans	5, 6	Chicory	8	Garlic	25	Okra	15	Rhubarb	21, 25
Beets	4, 15	Chives	9	Gumbo	15	Onions	17	Salsify	21
Borecole	13	Collards	9	Herbs	15	Onion Sets	17, 25	Sorrel	22
Broccoli	6	Corn, Pop	11	Hotkaps	10	Onion Plants	25	Spinach	22
Brussels Sprouts	6	Corn, Salad	9	Horseradish	25	Parsley	18	Squash	23
Cabbage	7	Corn, Sweet	11	Kale	13	Parsnips	18	Sweet Corn	11
Cardoon	8	Cress	9	Kohlrabi	13	Peas	19	Swiss Chard	22
Carrots	8	Cucumbers	12	Leek	14	Peppers	18	Tobacco	20
Cauliflower	9	Dandelion	13	Lettuce	14	Pop Corn	11	Tomatoes	24
Celery	9	Eggplant	13	Mangels	15	Potatoes	20	Turnips	25
Celery	10	Endive	13	Mushrooms	15	Pumpkins	20	Watermelons	1
		Fennel	13	Muskmelons	16				

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Vegetable Garden in Color. (By Foley.) 150 natural color pictures of vegetables, 50 in black and white, 50 line drawings. Practical directions for growing vegetables and fruits. 256 pages, 6 1/2 x 9 1/4 inches. \$2.50; postpaid \$2.65.

HART & VICK 49-55 Stone Street ROCHESTER 4, N.Y.

ORDER SHEET FOR SEEDS, BULBS, PLANTS, GARDEN SUPPLIES

Mr. } _____ Date _____ 1950
 Mrs. } _____
 Miss }

R.F.D. or St. _____ Zone _____

Post Office _____ State _____

Express or Freight Office _____ Send by _____

Parcel Post,
Express or Freight

Money Enclosed

Check _____

Money Order _____

Cash _____

Stamps _____

Total Amt. _____

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DATE ORDER RECD.

FILLED BY

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SHIPPED BY AND DATE

	QUANTITY	NAMES OF ARTICLES WANTED	PRICE	
			Dollars	Cents
Grow some of the unusual vegetables, those that are so good to eat but almost impossible to buy at the market.				
We do urge you to order the seeds and plants for your garden early this year.				
Sweet Corn and Asparagus never taste so good as when fresh out of your own garden.				
Unless money for Parcel Post charges is sent, plants will be forwarded by express, charges collect.				
Bulbs and Plants that are perishable will be sent at proper planting time.				
PLANTS CANNOT BE SENT C. O. D.				

Carry this total over to the next page

If we are out of any of the varieties ordered, shall we substitute others equally good? Ans _____
 or shall we return the money sent for them? Ans. _____

GROW YOUR OWN MUSHROOMS AT HOME: WITH MAGIC MUSHROOM TRAYS



Just put the Mushroom Trays down in your basement or in your fruit and vegetable storage cellar and water them.



In about three weeks the Trays produce their first crop and continue to yield for four or five months.

Inexpensive, easy to set up, no odor at all. Begin bearing in three to four weeks and continue to produce delicious mushrooms for two to four months.

Many people who like to grow plants, either in the garden or in the house, have been asking us how they could grow mushrooms in their basements during the fall and winter months. Until the introduction of the Magic Mushroom Trays this was a most difficult operation.

The preparation of the mushroom bed was an expensive, messy, and generally unpleasant task. The odor from the fresh barnyard manure, necessary in making the beds, made living in the house just about impossible.

These Magic Mushroom Trays have changed all of this. They are complete "mushroom beds" packed in easily handled shallow, wooden flats, all ready to bear a crop as soon as they are placed in a suitable temperature and given water. Mushrooms can easily be grown in any basement, fruit or storage cellar, where the temperature stays between 52 and 65 degrees.

These prepared trays will supply your table with fresh mushrooms in 3 to 4 weeks from the time you start them growing and continue to produce for two to four months.

They make a most interesting and profitable hobby. All of the materials used in these Magic Mushroom Trays have been pasteurized so that it is impossible for any other type of growth to appear on the trays except edible mushrooms.

Orders for trays are filled starting October 1st and continuing until May 1st. We suggest that at least four trays be started at one time in order to have mushrooms in sufficient quantities for an average sized family. Customers have reported a bushel or more mushrooms from four trays.

Magic Mushroom Trays are produced by men with years of experience in the growing of mushrooms for the wholesale market. The mushroom beds in these trays are prepared in the same way as those which are used for commercial mushroom production.

The cost of the trays can be reduced by getting friends to order with you so that you can take advantage of the low rate when getting ten or more trays at one time.

Complete instructions for growing mushrooms from these trays are sent with every shipment.

MUSHROOM TRAY PRICES

Shipped to you by Express (not prepaid) from our grower in Ohio

2 TRAYS FOR \$ 3.00

4 TRAYS FOR \$ 5.00

10 TRAYS FOR \$11.50

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47-55 Stone Street

TEL. HAMILTON 7250

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Highland Park Grass Seed ~ *Makes the Finest Lawns*

This careful blending of short growing, fine-leaved grasses has proven its quality many times during the past 25 years, not only on the smaller city lot but also in making the spacious lawns on large estates, in city and country parks, cemeteries and on the well kept grounds that now surround so many modern industrial plants. Be particular about quality when buying grass seed. Insist on Highland Park. We can furnish it to you either with or without clover seed in it. ½ lb. 65c; 1 lb. \$1.25; 3 lbs. \$3.70; 5 lbs. \$6.15; 10 lbs. \$12.00; 25 lbs. \$29.50; 50 lbs. \$57.50, prepaid to you.

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It has many splendid qualities, size, shape, color, sweetness and flavor. A wonderful berry for freezing, splendid for canning, makes most delicious shortcake. Begins bearing in July and continues to give you fruit **until freezing** weather comes.

Freshly dug, carefully sorted and packed, top quality plants: 25 plants for \$1.50; 50 for \$2.50; 100 for \$4.00; 250 for \$8.75. Prepaid to you.

Other varieties of Strawberries are pictured and described on page 57 of this book.





CONTENDER

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A most remarkable new kind.
Long, 7-inch, smooth, oval pods,
absolutely stringless. Disease-re-
sistant, very heavy bearing plant.

Pkg. 15c; $\frac{1}{2}$ lb. 40c; lb. 75c

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